

aggtnntnnnt	tttgacccta	atggctggct	actngttctt	tntncagggt	gcccagcgan	60
tcgtttttacc	ctcctataat	gcatttttctt	tggatattct	cctagattct	cagggatatt	120
tccatattttt	actattcatg	agtttagaag	agtgtttact	ttcctgaggt	ttcatttcct	180
tcttttttctt	ctgtcatagg	taattttacag	agcaaatagc	caccagagag	gataccgtaa	240
gggatgtgga	aaatgagttc	ctttgcgctt	atccagtgag	gttgattttc	agtcaatgag	300
cattcagtat	atgcctggga	ctctggcttt	attttttagc	tttgtgatgc	caaaccctac	360
aatgaacttc	tctgtatatt	tgattcatca	tgaaatggtg	acactgaggg	tggctgattt	420
ccaggttttac	atcagttgcc	ccaggggaag	tgcttgccc	ttgtctggtt	gttgctgctc	480
taacttttgcc	ctgttaattg	aagaaatgcy	gctgtaaaaca	cttctggggg	gttgctggta	540
ttttctgtcc	tcacagttta	cagagaaaacc	catattttca	gcctcttcct	ctgctttctg	600
tcttttctgg	aaccatcttc	accgacctgg	tgtaatcttc	attggngtgt	gantntgcac	660
agatgtaaca	tctnctcaaa	gcctantgcc	caccttccaa	cttcacgaaa	atctggagct	720
caggaccacc	attctttcca	aaccct				746

<210> 3943

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (743)

<223> n = A,T,C or G

<400> 3943

agtnnnnnnn	tnttgactct	aatgctggct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggggca	ggcttttgaga	ggatcgactg	caatttttgaa	agaagttgta	120
ccgtgagtaa	aatgcatca	aacagcattg	catgcttcag	agaaatcttt	cttcacaaaa	180
ggaacaattg	gtgcagcaaa	attaattttc	ttatttttaag	aaattgtcag	ccgggtgtga	240
gccaccatgc	ccggccgaca	taggctattt	tttaaaatgc	aaagctcttct	gaacctatata	300
atatgatgtt	ttaaaatata	gactctgaag	acaaagacct	gggctcagaa	tcaggcccca	360
ccacttattt	tcaatggaat	cttgtctgaa	tcttgtaatc	tttccaagcc	tcagtttttt	420
catctgtata	atagggataa	aaataatagt	aaacaaataa	atgtatttct	tttgaatatc	480
tagtagtatt	ttaaaaatca	gataactaga	attatataac	tctatgtgct	ttatttttta	540
cttgtttgct	gggaatcaaa	gagcttagtt	ttgttttttg	ntntttgntt	ttttttgaga	600
ccggagtctc	gctctgtcac	tgcactacag	cctgggtgat	agaatgatac	tctgtctcaa	660
aaaaaaaaaa	aaaggaaaaa	ggatgaaatc	acacttggag	caaaaaaccc	aangcatatt	720
taaagatttg	ngtattgggt	ttaa				743

<210> 3944

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 3944

agtnntnnnn	natnggaaac	cnttatggct	nggcctactn	gttctttttg	caggagccca	60
tcgatccgaa	ttcggcgcca	gattgcncat	tgntttttatc	tgtaagttgt	ctttatcagt	120
ggttctcaaa	gtgtgggtccc	ctgctagtat	agnttcagcc	tcacattgga	actggttaga	180
aatgcagact	tctcaggatc	cacctaatg	cagnagttaa	ttttaacaag	cccttcgggtg	240
atcctgaaac	atgttacagt	ttgagaaaca	ctgctataat	acgtgtcatt	tnaaattgnt	300
tcaggttgtg	ggggtagggg	ataagactac	caattttattc	atcttctgtg	caatattacc	360

tgtttaccta	actcttagag	atattaanan	atthttgaaga	atgtgtccca	tgagattata	420
atggaactga	caaattccta	tngcttagtg	atntcatagc	tgncatgaag	ncttantgct	480
gtaccttact	catgtgtntg	nggtggngat	ngtgtacaca	aatcttctgc	actgccagtc	540
gnctgaaagt	atagcacatg	gccgggcgcg	gtggntcacg	cctataatcc	caacactttg	600
ngaggcttga	tgcaaggcaga	tcacaaggtc	aggnanattg	agaccatnct	ggctaacacc	660
ggggaaaccc	tgtctcttct	anaaatncca	aaattagctn	ngtgtggtgg	cncacgtttt	720
gtaatcctgg	ctacttggan	gctgaagcac	caga			754

<210> 3945

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3945

agtnnttnnt	nnatnaactn	nttgctggct	acttgttctt	tttgcangat	cccatcgatt	60
cgtctcaccg	tgatcaagtt	gaggggnttn	cggctccctt	ctacagcctc	agaaaccaga	120
ctcgttcttc	tggaaccctt	gcccactccc	aggaccaaga	ttggcctgag	gctgcactaa	180
aattcactta	gggtcgagca	tnctgtttgc	tgataaatat	taaggagaat	tcatgactct	240
tgacagcttt	tctctcttca	ctccccaagt	caaggggagg	ggtggcaggg	gtctgtttcc	300
tggaagttag	gctcatctgg	cctgtttggca	tgggggtggg	acagtgtgca	cagtgtgggg	360
gcaggggagg	gctaagcagg	cctgggtttg	agggctgntc	cggagaccgt	cactncaggt	420
gcattctgga	agcattanac	cccaggatgg	agcgaccaac	atgtcatcca	tgtggaatct	480
tggtggcttt	gaggacattc	tggaaaatgc	cactgaccag	tgtgaacaaa	agggatgtgt	540
tatggggctg	gaagtgtgat	taggtangag	ggaaactgtt	ggaccgactt	ctggcccttg	600
ctcaacactg	acccctctga	atggtnggag	gcagtgcccc	agtgcccaaa	aatcccacca	660
ttantggatc	ggnnentatg	aaaaagaagc	ctggaaaaag	tattggggcc	aatgtgttaa	720
gngnggaatc	ancacattcn	tactgnnat				749

<210> 3946

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 3946

agnnnnnnt	tnntctttg	ngcctaattg	ttggctactt	gttctttttg	caggnaccca	60
tcgattcgaa	ttcggcacga	ggacttgatt	tggtaatgaa	aggacaaata	gctttcataa	120
catgaacata	caaaaataga	tgttttgctg	ttgttcagtt	ttctcaagac	ttactgtttt	180
aagcttgtaa	aattaatgaa	cagtaaaata	gcagaaaata	gtgatacatt	ggatgatttt	240
aatagtttta	ttagtgagat	atthtgagga	ttcgaattac	tacaattctt	tccaatccta	300
caagttaaaa	atthttgttat	ggttgctgac	ttttaaatgc	tgtttattct	ctgaaggcag	360
ttttatgatg	catttagaaa	aaaggtaaga	gagatgtagg	cattatactg	gttcatcttt	420
tacctaatgc	atgaccagta	tactagagga	agttgtgatg	gaccagagtc	tttttgtttt	480
gtaatcaaat	gaatagtcc	ttcataacca	ggacagctag	tgtgtgcttg	agaatgtctc	540
cctcactata	tgatctggga	tattctgcat	taaaaggact	cccttcccag	tattgggaga	600
aagagagatn	aattgacaca	tttttactct	gactccttca	tttatctttc	cacataccag	660
gatcattttg	gnctttttaa	atgtccaagg	ttccaataag	tttaaattgg	attagtggnc	720

ttctacattt gatcagtaat gnagatggc

749

<210> 3947

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 3947

agagnnnnnn	ttttgactcn	tantggctgg	ctactngttc	ttntntncang	nngcccagcg	60
gttcgaattc	ggcacgaggt	ccatctttgt	agctgacatg	acacatttta	aaaatttcac	120
attaaaatga	aggcatctaa	tggctccatt	atgtctttta	gagtggctctg	gccagctaa	180
ttgcatattg	aaatacatta	gatttgatc	aaattacttt	cctttattgt	cttttctgtc	240
aatcttagga	cattaaatgt	atatgtttga	aattgtgttt	aggtnggtta	tctgagcatt	300
tggttcatat	agtaaagaga	gtgttataag	ttcactgtaa	gccccagggg	ctttgggact	360
natnnggttt	anaacattgc	actaggggaa	atgaattgtt	aagnnatggn	acttctctan	420
actaatgant	catctgantt	aatacttttc	atgtgaagca	tttttaaaga	aagcaaacca	480
gcttgggtgcg	gtggntcaca	cctgtnatcc	cagcactnng	ggaggcagan	gcnggctgga	540
tcacgangnc	aaganattga	gacctnctgn	ccaacatggg	gaaaccctgg	ctctactaaa	600
aatacaaaaa	ttagctgggc	atantggtac	ntgcctgtag	tcccagcttc	ttgggangca	660
nagcaggaga	attgctttga	cccggaatg	gaggttcant	gacccaaatc	gcgcactgg	720
ctctacctgc	acaaatgaga	t				741

<210> 3948

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 3948

cnntttaatt	ccatcagctc	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggggtgctt	ctgtatatcc	tgacaacagt	ggccagccat	taaagagttt	tgagtagggg	120
aactggattt	gtggtttttag	aaagatcatt	tggcttctgt	gtgaaagagg	ccaaaaccag	180
gagcagaaag	accagttagg	aagctgtgac	agcagttgag	agacgatggt	gtcaaagtct	240
gcagcagaac	agaacagggg	tgacccca	tggacatcat	ctctgctctt	cagtcacctg	300
tagtgcagag	ttttgaagta	ggtctgagca	tggaaaccgt	agtggttggg	aaggaaatgc	360
catttgccct	tggggtgatt	aagatctttt	tttttttctt	caggcggagt	ctcgtctgtt	420
ccccagggt	ggagtgccgt	gacgtgat	cagctcactg	cagcctccgc	ctccctgggt	480
caagcaattc	tcctgctca	ncctcccaag	tagctgggat	tacaggcgcc	caccaccacg	540
cctggcta	ttttgtattt	ttaanngnnn	annnnnnnnn	nnccntntnn	ntcntnnnnn	600
nnnnnnnnntn	nnnnnnntnn	tnntttnttn	nnnnnnnnntn	nnnnnnntnn	nnntnnntnn	660
nnnnnnnnnnn	nnnnnnntnn	nnnnnnnnnnn	nnntnannnnn	nnnnnnncnn	nnnnnnntnn	720
nnntnnnnann	nnnnnnnnnc	ntntnnnnnnn	nnnnnnnnnnn	tnnnnnnnnnn	nnnnnnnnna	780
nnnnnnnnnnn	nnnnnnnnnnn	annnnnnnnnn	nnntnnnnnnn	tnnnnnnnnt	nnnnnnnnnnn	840
ntnntcn						847

<210> 3949

<211> 743

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (743)
 <223> n = A,T,C or G

<400> 3949

agagnnnnnn	nnntntntna	ccnctaatag	gotttggetac	ttgtttctttt	tgcaggnacc	60
catgcgattc	gaattcggca	cgagcccacc	ttctctctct	cattgtctga	ttgaaagcac	120
caggtctccc	acattgcttt	catctttgtg	ctgtttgttg	tccctttcca	tatctgtatt	180
tatgctacct	gttagggctc	ttgccgaagc	aggggtggga	acaagaacca	cagatatact	240
tctgtggttt	gtgaagcatt	gtgtggaggg	ctgtgtacac	agagtacctg	gggcagttgt	300
cacagccact	ctgtgtggta	gctgctactg	tgcccatctt	agaaatgaga	aggctgaagg	360
acccacccag	ggccacacag	ccagtatacc	caaaagtcac	acatttgtac	tctgttgctg	420
tctcctgtcc	tatagtacca	cgactagggt	ctcctgtcca	tgtgcgtaag	aatgaccgcc	480
tanccgtcaa	taagatgatc	agcaagggtc	cacggcatgg	cttaagtctc	cctttgccta	540
ctgcatgatg	atcccgggtg	gccagcaagc	agctggaaga	ggaggatggc	aggtaacggc	600
tctcatctct	caccactaga	tgatgcctna	ctcatcctac	catgctgggc	cacccaacg	660
ttttcttgcc	acctatggtc	ttttgtancc	cgtgacagcc	actgtttgac	ttcatcgana	720
cttnttgcgc	aacaagcacg	aaa				743

<210> 3950
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (740)
 <223> n = A,T,C or G

<400> 3950

agtnntnnnn	tntgaagcct	ctaangcttg	gctacttggt	ctttttncag	gacccatgcg	60
attcgaattc	ggcacgaggg	cagatgtntc	tggagttcta	ccagaagaag	aagtctcgct	120
ggccattctc	agacgagtgc	atcccatggg	aagtgtggac	ggtcaagggtg	catgtggtag	180
ccttgccac	ggagcaggag	cggcagatct	gccgggagaa	ggtgggtgag	aaactctgcg	240
agaagatcat	caacatcgtg	gagggtgatga	atcggcatga	gtacttgccc	aagatgcccc	300
cacagtcgga	ggtggataac	gcgtttgaca	caggcttgcg	ggacgtgcag	ccctacctgt	360
acaagatctc	cttcagatc	actgatgccc	tgggcacctc	agtcaccacc	accatgcgca	420
ggctcatcaa	agacaccctt	gccctctgag	cgctcgctga	tctctgggag	ctccttgatg	480
gctcccagac	cttggtcttt	gggaattgca	cttttgggcc	tttgggctct	ggaacctgct	540
ctgggtcatt	ggtgagactt	ggaaggggca	gcccccgctg	gcttcttggt	tttgtggttg	600
ccacctcagg	tcctcctttt	aatctttgct	gacngttcaa	tcctgcctct	actgtctctt	660
cataccctgg	tgggggtccc	ccttntttct	ccatggacag	aanaccacca	ctgggggatgg	720
ggaattaaag	ttganaacat					740

<210> 3951
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)

<223> n = A,T,C or G

<400> 3951

gagnnnnnnnt	ntnttgttnc	taatggcttg	gctntngttc	tttntncagg	ctcccatgcg	60
nttcgttcaa	tagcatgtta	agtagatatt	atctgacaga	cctacaagtc	tcacttatcc	120
gngacatcag	acgaagaggg	aaaaataaag	ttgctgcgca	gaactgtcgt	aaacgcaa	180
tggacataat	tttgaattta	gaagatgatg	tatgttaact	gcaagcaaag	aaggaaactc	240
ttaagagaga	gcangacaaa	tgtaacaaaag	ctattaacat	aatgaaacag	aaactgcatg	300
acctttatca	tgatatttnt	agtagattaa	gagatgacca	aggtaggcca	gtcaatccca	360
accactatgc	tctccagtgt	acccatgatg	gaagtatctt	gatagtaccc	aaagaactgg	420
tggcctcagg	ccacaaaaag	gaaacccaaa	agggaaagag	aaagtgagaa	gaaactgaag	480
atggactcta	ttatgtgcag	tagtaatgtt	canaaactga	ttattcggat	cagaaaccat	540
tgaactgct	tcaagaattg	tatctntaaa	ttctgtact	tgaataactc	agttaacgct	600
gttttgaact	tacatggaca	aatgtntagg	acttcaagat	cacacttggt	ggcaatctgg	660
gggagccaca	ctttcatgaa	ntgcattgna	tacaaaattc	anagttatgt	cccangaata	720
ggtttaccat	gaaaccccat	tnnc				744

<210> 3952

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 3952

agagnnnnnn	ntntntttgt	ctncctaant	ngntgggcta	ctngttcttt	ntncagggnat	60
gcccattgca	ttcgaattcg	gcacgaggct	cattccagct	ggtctatcgt	gggcctcaca	120
aggtgaagag	ggaccgcatt	ctggggccca	cgatngacca	cctgtagctn	attccatcct	180
gnaccttgna	tgaggggtag	cctcccactg	catcccatnc	tgaatatnct	ttgcaactcc	240
ccangantgc	tnattttaagt	gttnataact	ttnagagaan	tgcgacnatn	caattgtgag	300
atctccnct	gccattgccc	tgntngnagg	gcacctctnc	tccaccnna	tggannnggn	360
ngcagctnaa	nggccctnan	acgganctgn	tttcatnaag	atnacattac	acngagnnga	420
gctaactggc	ctgnatngaa	angntnntta	tgancnaagn	nacaancttt	ttaannngttc	480
ctganannac	ttgngncnct	agaacaatag	antgtccaat	tacaaagatc	cncacntgat	540
gcnatacntt	gatgagcttg	actacaccnc	ngctttaatg	caannncaaa	aantgccctn	600
tttngnaaat	nnnacatata	tncgttttan	gantaaccat	ncanaaagtt	gnattanacc	660
angttgaacn	ccncaatggn	ccttcaattt	taannngcta	ggntnngctg	anggtnangg	720
accgcccmt	nttgtttgct	cggccnggna	atgggattgg	ccct		764

<210> 3953

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 3953

agagnnnnnn	ttttttntc	nactaatgct	tggtactng	ttctttctnc	aggntcccag	60
cgattcgaat	tcggcacgag	gtgatgctgg	tgatcaatgg	actggaagcc	aacagcagag	120
acttagaccc	aagaaggag	cttgaggtac	aagaaaactt	cagggtagac	aggaaggagg	180

```

cgtggtgaaa gtgatgaaag gggagagtag aagggtgggc cagggtcaga caggaggtta 240
gatttaaatcc ttcagggcac ttctattaca tcatagctgc cattttgtct tttatctgac 300
tcaataataa gtcagtaata agtaatgttt taattaaagg taaatgcttg gcaggtaggt 360
taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg 420
tctacttgaa atatatttct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt 480
ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac 540
cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa 600
aacatttcct ggantgcct ttaaataata ataataatac cttgtataga tacagtgcct 660
tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc 720
nttttgaatg cttagatatt tcctangg 748

```

<210> 3954

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (748)

<223> n = A,T,C or G

<400> 3954

```

agagnnnnnn tttttntc nactaatgct tggctactng ttctttctnc aggnctccag 60
cgattcgaat tcggcacgag gtgatgctgg tgatcaatgg actggaagcc aacagcagag 120
acttagacc aagaaggag cttgaggtag aagaaaactt cagggtagac aggaaggagg 180
cgtggtgaaa gtgatgaaag gggagagtag aagggtgggc cagggtcaga caggaggtta 240
gatttaaatcc ttcagggcac ttctattaca tcatagctgc cattttgtct tttatctgac 300
tcaataataa gtcagtaata agtaatgttt taattaaagg taaatgcttg gcaggtaggt 360
taaacttcat tgagtcccaa tcctgtcata attattgtgt atacctttct cagctttttg 420
tctacttgaa atatatttct tcttcctttg agcagccaaa atggaagtgt tggatgtgtt 480
ggctctgttg gtaggctcct gttggatgcc tgttgtcact cataaatgta acaccacaac 540
cataattgat ggcanagttg agttgcaagc ttttaggact aattgcaaag tctaaactaa 600
aacatttcct ggantgcct ttaaataata ataataatac cttgtataga tacagtgcct 660
tacaatttac agagcacttc cacatacatc atctcattta atcttcacaa ttaacaatgc 720
nttttgaatg cttagatatt tcctangg 748

```

<210> 3955

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (749)

<223> n = A,T,C or G

<400> 3955

```

agagnnnnnn nttgttnnct acttnatgct tggctcttgt tctttttgca ggctcccatc 60
gattcgaatt cggcacgagc gcataaggaa agctgggaaa taacctataa ataatggcaa 120
aaaaaaagca aacaatagga agaggaacta tataaaagga acatttggag catagaagag 180
agttcatgga aatgtaaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta 240
agggtaagag ggtcatgaaa gcatctanaa ntaggaggga aagccagtca aattcacagg 300
atgaagtcag gaagataata gagcantgcc cgcangatcc tgagggaag caagttccaa 360
tctataagtc tgtaaccctc acacctgatg gcccttgaa catattcagg gcttcaaaaag 420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa 480
cattaaatca agaaagaatc atcagtggac ccagtnaata ncanatcagc ctaggataag 540

```

atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaagggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3956

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 3956

agagnnnnn	nttgtnnct	acttnatgct	tggtctctgt	ttcttttgc	ggctcccatc	60
gattcgaatt	cggcacgagc	gcataaggaa	agctggaaaa	taacctataa	ataatggcaa	120
aaaaaaagca	aacaatagga	agaggaacta	tataaaagga	acatttggag	catagaagag	180
agttcatgga	aatgtaaaaa	atgatggtac	cctgggtttg	atatagtaag	taaaaaacta	240
agggtaagag	ggcatgaaa	gcactctanaa	ntaggaggga	aagccagtca	aattcacagg	300
atgaagtcag	gaagataata	gagcantgcc	cgangatcc	tgagggaag	caagttccaa	360
tctataagtc	tgtaaccctc	acacctgatg	gccccttgaa	catattcagg	gcttcaaaag	420
attgatctgt	catgcaccgt	ctgccatgat	actgtgtgag	gatgtgttct	ttctcttaaa	480
cattaaatca	agaaagaatc	atcagtggac	ccagtnaata	ncanatcagc	ctaggataag	540
atgccctaga	agatggtgaa	nggaagtctc	agaactactg	ttcttcanca	ggcagcnaa	600
acacctgac	catattggag	tggtgggatg	cgagcttcag	gaagggatgc	cacaagggna	660
aagtgggaang	gatgatgact	gtcttcaaga	agttacaggt	ctttaagaat	ttacatccaa	720
cattactttt	gcttcgaagc	cccggctga				749

<210> 3957

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3957

agtgtnnnn	tttaatccct	actaatggct	tggtactctg	ttctttttgc	aggnacccat	60
cgattcgaat	tcggcacgag	aagagaccat	catctcatca	aagagagtta	aaagtaggga	120
tggtctctgc	aaggcctctt	ctgatatgat	taattgattg	taaattaagt	aatcaaggca	180
tactttgttg	atttgtcata	tctgggtaaa	aggtttatgg	tttatttaat	aaatgaaact	240
gcaaaatcag	ttttctacat	ttctgttata	ttttgtttaa	agcacttaaa	agaatttctg	300
ctctgtccag	gggcaagatt	cttgccaaga	gaattaatgt	gcgtattgag	cacattaagc	360
actctaagag	ccgagatagc	ttcctgaaac	gtgtgaagga	aaatgatcag	aaaaagaaag	420
aagccaaaga	gaaaggtacc	tggtttcaac	taaagcgcca	ggtaagaatt	tggtgtatat	480
ttcattgggt	ctgagagcac	tttaagggtg	agatttaaca	catcacataa	ttattntatt	540
cccttttttt	ttcctttaat	agcctgctcc	accagagaaa	gcacactttg	tgagaaccaa	600
tggaagaggag	cctgagctgc	tggaacctat	tccttatgaa	ttcatggcat	aataaggtgt	660
taaaaaaaaa	aaataaaggg	acctctgggc	tacaaaaaaaa	aaaaaaaaaa	actngagcct	720
ntagactntg	tgagtcgttt	acgtanaacc				750

<210> 3958

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3958

```

agngnnnnnt tgatccttnc taatgcttgg ctcttgttct ttttgcagga cccacgattc      60
gaattcggca cgaggtaatt tgtaaattct gtggtacttt tcaaagtgt atcattttact      120
gagtctgatt atcacacggc ctggcatata ataagtactc tataagtatt ggctgatttc      180
taataggctc gaaaatttat cctttagaat tttttcttca gttgggttag cgagtttccc      240
tttgatgttg aaaatgtttt tttttaaaaa tctaacctag accatcccaa atcatgaatt      300
actgttgtgt gaaacagtga gactactgtt tttatgccac aggtttataa ttatgcaaatt      360
aaatactaca tctttgcatt catttttggt ttacttaccg aatttttcatt ccaggaatgt      420
ctgaatctga acaggctctt aaaggtaact ctcagattaa attactctca tctgaagata      480
tagaagggat gcgacttgta tgtaggcttg ctagagaagt tttggatgtt gctgccggca      540
tgattaacca ggtgtaacta ctgaagaaat agatcacgct gtacacttag catgtattgc      600
aagaaattgc tacccttctc ccttgaatta ttataatttc ccaaagtcct gttgtcctca      660
gaccttattg ctttaaaaata taataatgnt ttcattactt ttattatttg gaatgattta      720
gtaaaagttg actgaatctg gtt                                     743

```

<210> 3959

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 3959

```

agagnnntcn tttaatctna ntgnactctt atggcttggn tactcgttnt tnnnnaggca      60
gcccattgngn ttccaatnec gcacgaggcc aaatgcactt ttgtgtatcc naagngaaaa      120
gangagaggn ctcggatgac catgcttagt taanggggag ggtgaccttt natatgcaag      180
tnggggaaatn caganaaaat gaaaggggnc canaatgaaa acacatgaaa taagataagc      240
aganatgaaa ngnggcncta gaactgtaag aagcatttga acaggcanaa cagtgtctgga      300
gacttttagga gagggctcaa gctgccatgt ggccggctct caaatagtct tagaatgact      360
agcatatctt tttacaaaac tatnagcaac ttgagggcaa aaataaagtn tatttatctt      420
gcatccngaa naataaacnt ggtgctnggc attnggtagg tnnnctttat gngtatatat      480
gaaaagcata ttttcatttt attagaacat tgtggtaaaa attctattga aaaccatgct      540
ntaatgtaga tagctcnact tanttcggan gttccaaact ttttngttca agtnccatt      600
tatgctccta aaattggtct gccagtctaa aatacttant tnatgtnggt natgtctatc      660
gatatttacc atttnagaaa ttaaaactga nagatttgaa accattnttt naaacctta      720
catgntaaca taaaacgtat ttt                                     743

```

<210> 3960

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 3960

cttatcttct	aatggcttgg	ctactngttc	tttttncagg	atcccatgcg	attcgaattc	60
ggcacgaggt	gaccaccact	ccattcttgt	ctcctgtgtt	ctcggttcag	accacccaca	120
aaggcagctt	caaagccaaa	tcctcaggaa	gggggatctg	cccgggctag	ctagtcacgt	180
gtcaggcaca	gtcagctctg	ttgaggggtg	tgcatgtagg	gctcagtgag	gccacagagc	240
tcagatgtgg	ctatgaagac	tcctgggttg	tgggggatgg	cagttctcac	agatgagagg	300
tatggatggg	ctgggtgcaa	tgactcacgc	ctatgatccc	agccctttgg	gaggccaagg	360
tgggcagatc	acttgaagtc	aggagttcga	gaccagcctg	gccaacatgg	tgaaacccta	420
tctctaccaa	aatacaaaaa	aattangtgc	ccatgggtgg	gggtgcctat	attcccagct	480
cccaggagac	tgagcangag	aattgctcaa	accaggagc	ttgaggttgc	agtgagtcaa	540
natcacacca	ctgcnctnca	cttgagcgac	agaataagac	tctgngttaa	caaaannaaa	600
aaaaaaaaact	cgagcctcta	naactatagt	gagtcgtatt	acgtanatcc	agacatgata	660
agatncttgg	tgantttgga	caaaccacac	tagaatgcan	tgaaaaaaat	gctttttattt	720
gggaaa						726

<210> 3961

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 3961

agngnnnnnn	nnttntctta	tntacttaat	gcttggctac	ttgttctttt	tgcaggetcc	60
catcgattcg	aattcggcac	gagctgagtc	tccttataga	tgaggcagca	gaggcctttt	120
acaaatacct	ctcttggttc	agttacacaa	gtcataat	actgagcacg	atggtaaaat	180
cctttaaaaa	tgtagtaaaa	agaacagagt	atgcatatgc	aaaggaggag	attggggaaa	240
gcaaattaga	agtctatgca	ttctgtagac	agtgaagct	ggttcaagca	gaatgaataa	300
gaaagtaatt	taaaaagaag	gcatcactta	ttgactaagg	tcaaacagga	ggaatacaca	360
taaaaaccag	aaactaactt	caagcagaat	gaataagaaa	gtaattttaa	aagaaggcat	420
cacttattga	ctaagggtcaa	acaggaggaa	tacacataaa	aaccagaaac	taacagcaat	480
tatgatgata	atattccaaa	aaaaatcttg	agtgaagaag	aagaagaaga	agagtaatag	540
caaacccttg	tgataataag	tgccagggtg	gtagtatgtg	ctgctattaa	agtaaattgga	600
tgttcaatta	tttaatttat	aattctggnt	tcattggatg	tcctttaagg	gaagtgtctat	660
tttgatgttc	atctttacat	gtgaagaacc	ggttaagaga	gattactgat	tctccanggt	720
cactcactga	tgggtggtgg	naattgg				747

<210> 3962

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 3962

agngttnccn	tannaactcn	tgaaangetg	ggctacttgt	tctttntnca	ngnngcccat	60
gcgattcg	aaccaggggc	tgcaaacct	ttccctcccc	aatgaggacc	ccctctggac	120

gccccctcccc	atgggagaaca	ccaggagcca	cagacccccag	accacagagc	acacagggga	180
gggcacgggg	cggccggggc	aggggtgtctg	ctgcctcgtt	tatgggattt	gctccgcgtc	240
tagcacactg	ctgcctgcag	tgctcctgtc	ccctgcagtg	gctactctgg	gcctacgggc	300
ctaatacctgg	ttggcatgaa	aatgtcctga	ggctactgtg	acaaatttcc	acaagctgag	360
tggcttaaag	gaacacattt	gttctcttac	agttgcaggg	gccanaagag	tctaaaaaca	420
gtcagcaggg	ctggttcctc	ctggagctta	gaggggctga	atccgtttcc	tgctttttt	480
agtatctgga	gggcgcctgc	atccccttgc	ttatggcccc	ttccatcacc	aaagccagta	540
gtgtcacatc	tttcaacttc	cctgacctga	ctnccgcttt	ctcttagaag	gacctgtgt	600
gactttggac	tactagataa	tttaggggtca	tctcttcatt	tcaggaacct	ggaatttaat	660
cccacctgca	agtnccctttt	gccaggtaag	gncacaaaatt	cacanggtct	tgaagatgaa	720
agatgttgga	cccttttttga	gggncatgat				750

<210> 3963

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 3963

tnttcatctn	gcnnttggnc	ttntngcacg	atccctcgat	tcgaattcng	cacgagacac	60
attcttccat	ttgtcagtaa	gagtaataat	ttgactgttt	tattggattt	tagccttttt	120
gatttcatat	agctgtatat	taatatatca	ttgtttttta	tatgtctaca	ttgaatactt	180
attacttgtg	caatgaaaaa	taataattaa	agatgaaagt	taagcctggt	accactttca	240
gagaacaacg	tgacgttttg	gaatttaaaa	ttttttcagt	agatttgaga	aaaacttggg	300
ttaaaatgaa	gatttatgct	cagaactgag	attccagggt	ttaagtctgg	ttttaaagct	360
gtcttcaaga	ttttaatgta	ttttctgtgt	gtataggatg	ctctcatttc	tgttttttaa	420
aatgaaaggg	atcgctcctg	taatcccagc	actttgggaa	ga		462

<210> 3964

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 3964

ccccctttnt	ataccntcc	tnctactngn	tcttttttgc	ggatcccatc	gattcgcttt	60
gtcccaatat	ttgtgacacc	agtgtaatga	cttgggttaag	ttgggttgac	caggttcctc	120
cactggncag	gttatacttt	ttcattctgt	aattaatgta	tcgctatata	ttttatatac	180
tttgaaaactg	taaacatctt	gtcctcatca	aaccttcacc	tactaatttt	agcagtcatt	240
gctaattttt	taaactccca	ttctttctac	atttagtagt	tggcattcta	ctataaggaa	300
gaattttccc	tttttccctt	tttgtgtata	cttattttatt	aataatttatt	atttattaat	360
atatatgcaa	gtatagacac	ttgcattctt	attgtattca	gtggattatg	atccattgct	420
attttctgtt	tgggctaaat	tgtcccatat	tccatcagtg	ggaatgcctt	caagttaact	480
attgtgtgcc	tttgacatgt	gccaacatg	gtgaaaccca	atctctactg	aaaatacaga	540
aaaattacct	tagcatgggtg	gtgtgtgcct	gtaattccag	ctactctgaa	ngctgagtgg	600
ggagaatcac	ttgagcctat	aaggcanang	ttgcaatgag	ccnagantag	cgctactacc	660
actncancct	tgggtgacag	cgtgagaacc	tgtctcaaaa	aataaaaaaa	gaaaagagaa	720
aaaggaaaaa	aaaaaaaaaa	aaactcnacc	ctctanaact	ataggggagg	cggatttacc	780

tagatccaga catgattaag anacattgat gagtttgggc naaccnct

828

<210> 3965

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 3965

ttnattccat	cagctctt	gt	tctttttgca	ggatccctcg	attcgaattc	ggcacgagat	60
agtaaattag	tcatagaaag	gcaaactcaa	ataactttga	acacagctct	ttgactatcc		120
acctgtgtgt	aaacaaacaa	aactacaaag	aaatttttga	cttcacttag	ttggtagtga		180
tctggtatag	caattctgaa	aataattttct	gtgtattgta	ggattaaaca	aataagtaaa		240
tataatgata	ttcttgggag	ctgggatcct	cactatgaga	gaagaaagat	aaaaatatgg		300
agtgaaggaa	ggcaaagaag	agctccatga	attggaatga	gagattccac	agattactta		360
ttaattacaa	agataaaaaa	ggaaccttta	tagtggagaa	acttggaac	ttggtggata		420
acacaacttt	tcgttttttt	ggagacagag	tctcactccc	tcacccaggc	tgggtctcaa		480
ctcccgacct	caggcgatcc	acctcaaagt	gctgggatta	caggcatgag	ccctgcgcca		540
ggcctatttt	taaaaatcag	atctctcctt	tgtccaatg	ttttatcat	ggaaagagac		600
aatcactca	tattttcttt	ttncagacaa	tactgcttcc	tgtggtgtag	cccaaaagac		660
tcgtcttttn	catgttcagg	taattttattc	tttgggagag	cactgtaatc	atatatcaat		720
cgtatttttna	aagtgacttt	attatttaaat	gtcaagaagt	nccttggttn	tgaaagtagt		780
tttttttaaat	taaaccgcca	ncagatcnat					810

<210> 3966

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(857)

<223> n = A,T,C or G

<400> 3966

ggnnnccctt	ttgaaacccc	ntaaagctac	ntgntctttt	tgcaggatcc	catcgattcg	60
gaagaaactc	ccatgaagtt	caaaggagca	gcagatatgc	aggggtgcac	tagaaatgaa	120
aatctgacct	tttgtccctc	tcctttttcat	ctctcttttg	tacaggcctt	ctttccttct	180
gtgcaaacag	acccttgtca	tagtcatagt	ccatcacgct	gttaaagtat	ttccagcact	240
gctctatgat	gtgctgtaat	ttcaggaggt	agttttatttt	ctacaacatg	ttgctctgta	300
gcacgtgtat	ttcactactg	agtggtagtt	ctaattggaca	tattcttaac	aaaatagtcc	360
cagcattaca	gaatactagg	ttagaatata	tacccaaata	aataaaatgt	tacagacaca	420
gtccaagctc	gttctctect	gacttncttt	ctcccgctac	agaggaaaaat	taccccgaaat	480
tggcacatct	cattcctatg	cactcttggt	aaaaataact	tatagtttgc	ttctgaattt	540
atagaaatgg	gcactataat	ccatatgtct	tttgaatctt	tatacatttg	atttgagaaa	600
agtattttatg	tttgatgcca	tgtggcttta	ggncattttat	tttaattttg	gttatttttt	660
tgagatgaaa	gtctcggtct	ggcaccaggt	ctnggagtgc	aaatgggcac	atgggaacct	720
ttgncctccn	tgggggttcna	agcaanttct	ggctctcata	cctgtaantc	ccancacctt	780
ttaaagaagg	cccnanggcg	nggggaaggg	atcaatttgn	gcccccttgg	aattttggag	840
gaccnagccc	tgggggct					857

<210> 3967

<211> 814
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (814)
 <223> n = A,T,C or G

<400> 3967

ttccatcaag	ctcttgttct	ttttgcagga	tcctctcgatt	cgcttcagac	ctgtgttttaa	60
attttagctc	tgtgatctgg	tagcttttga	ccttgagtaa	attgcctaata	gttactcagt	120
cttagtttcc	tcatcagaaa	agtggtaagg	atgataaagt	agttcataaa	cattcattga	180
gcactaagta	tttgcaagat	actggaggta	taaagatgaa	taaaacactg	ttcatgtctt	240
tgaagacttc	ctagtcaagt	ggtgaaatta	aacataaaaa	caggacattt	taatattacg	300
tgcaaagcac	atagtgggca	atgtgttggg	ttgaagaagg	atttttgagg	aagtgggaagc	360
tgaactgcag	tttgtagaat	aagtaagagt	ttagtcaggc	aaagcagata	gacaagggtca	420
ttttgggtgg	agcgattaat	ataggcaaag	tcattgcaatc	atgaaatagc	atgatatgta	480
tgtgaaataa	gagtactttt	gcattgtagg	ggcattaaac	aggtgagcag	tcactggaga	540
tgagattgga	atggtgggca	gggcctaagt	ccctgagctg	caatgtcatt	gaagctgagg	600
acattgagaa	tttaaagaga	tagagtgagt	ctgnnggcctt	tgctcataac	tctcattttg	660
aaagactaat	gtgtgacatn	ccacatttta	ggggtaggaa	ggcntactgg	aaggattaac	720
ccaaagttgg	ntagaaactg	ggagaaaagan	naacnccctc	aaaaagttgc	ttgagagcta	780
aattaattga	atgtggcctg	ggaaggatca	at			814

<210> 3968
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (825)
 <223> n = A,T,C or G

<400> 3968

gattcccata	caagctcttg	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ggaaaagtaa	agagatcaaa	atgattttat	atgtattttt	tttgtactca	gagaattaca	120
ttttcactac	ccccgcctgt	ctcaggggaat	agcctttgat	aagaatccca	tggagatctc	180
tggaaactcta	ttacagtgtg	ttcagatttg	ttagttcata	tgtaaatttc	agagctagag	240
cttcaaaact	agagtattgt	aatctcagga	acataagatt	atccaagaag	cctgaacctt	300
gctcttttca	tgataaatga	catccaaatt	tcctttgtct	aggagataag	catagatccc	360
ttttatcatg	cttctctgag	attttcacag	aacaaccctg	caatttgatt	ttgtttgata	420
attttgcttt	ttggcttttc	agtgaggact	ctattttcca	ttggaactga	ctcctttggg	480
gataataagc	tttcaactta	aagaacattc	cattagatag	ttctaacttc	aatgaaccta	540
aaagtggctt	cttaatttga	ataatctgga	taacttttgc	aaatgggtca	aaacagcaca	600
agtattatac	atcaaataaa	aagttcatta	caatatttgt	actcataaag	tcaaaatctg	660
accctgggtc	gctttgtgcc	tctgtcagcc	tacttacagg	ggataaaagg	tncacaccaa	720
gtccagtggg	tgccaangga	gctttgggta	ttagaaaaga	agcctgggtc	cccctcagtt	780
ctatgccggg	gggggggggg	ccgggtnggn	ancatggccg	ncatg		825

<210> 3969
 <211> 877
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (877)

<223> n = A,T,C or G

<400> 3969

```

ggnctntttaa acctttgtac aagcccttgt nctttttgca ggatccctcg attcgaattc      60
ggcacgaggc aacaaaagca tacaagatct tttttnagga agtggaggag ctgcaggggac      120
cgaccgggag ctttcccagt aagcatcagt tcanaaacia atttaagtaa agaaatggaa      180
tctgtaatatga aagatataaa aaataccact cagaagaaat atagagacta tagcaagacc      240
ccgggctcac cagacaatga ttttctcttt atgtactctg ttgctagaac caatttagaa      300
cttgaattga ttcacgcagg aggcattttg tgttcagggtg gtgcaagcac agctggcaaa      360
aggtcttggt taaatcagct gtttcatgta ttagccttgc acatgcggct ttatagcatt      420
gactctgagt ataatccctg gagaaagctc acccagttag aagagatgaa tccacagctg      480
ggatatgaag aacaacagcc tgagggtcca attctttatc atgatgtaca tcccttttgc      540
tcatccagat cttaatgatg ccacaaccct tacgcaaaag accactttac ctgcattgtg      600
aaggtctttt taccctactg tacacacagg ctcttgcagc actctcaagt taaaatgcag      660
ccgaagaaaa taggggtcagc cctgggaaac accccgggag cctcttcaaa aaagaagtac      720
cattgtggat ggccagaaaa agtctttacc gaaagtattt aacttggngg ccttttgggtg      780
gaataaagggt ggnaacctat ttttaaaaag gaaaagtatt tttcccntg gaaggaaang      840
gnaccttcag gggaatggtg gccaatnggg tttaacc                                877

```

<210> 3970

<211> 912

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (912)

<223> n = A,T,C or G

<400> 3970

```

ngncttgnnc cttgaaaccc ccgncntggc ggacccatcg antcgaattc ggcacgaggg      60
tcancaatan gcganncttt tnnatecngg cgagagacac gccaataggg ggnatttaga      120
nagtgggggc tccannnatt ttctctgggg acaagctcat tcttctctca ttttctcaga      180
actttggtgt taacagccng ttgcctaatt tgtaggggct gactttgact nagcagatgc      240
cttctgnaga tggaggaaat aacgacccag cnccttttaa ttcacccaag ctgaaaccaa      300
atgcgaacct ngagcagcct ggattcattg acgagccagc accantgaac ccacccaaac      360
caaagccaaa tccaaaaccc caagccggcc tgaattccac cgggggatga cttttgatct      420
ccacagangg nntcttcatg gggaacnaaa aacaggggan gntgcactcg attnctggaa      480
gtgggtatgcn tcaggagcna ccgtgnantg tantncancc cactcntcaa atncataaac      540
tntgggagan tcttcaatt cactgggcaa anccntatgc cntaanngct annnctgan      600
gggaggctcn tncantgcaa aaanccaaan atccaacctn gggaagaatt caagtcaaag      660
acccaanaag gagggcnggc aatcaagnct ccttggncac cgaatcnttn acangncann      720
gcttaccngg gganggcacc ntatggcnga anctctgtgg ggggcaaacc ctctgtggga      780
cctnccntgg nttccccagg gggtgcncac anatattang cacctnantn ntttancctgc      840
ccantgngcg tntnttatgg aanaaaagna aatcaaaaca tngggganag ggaaacccan      900
naaaaaaaaaa cc                                                                912

```

<210> 3971

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

<400> 3971
 ttgattccat cagctcttgt tcttttttgc ggatcccatc gattcgctac gaccccatca 60
 atttggccta taacttgaaa gagaattcta tcctgctagc taaagttgct cggagtgacc 120
 agtgagattg ttccacagca tgtatattat aaaacaaata ttaggcagat agcttataat 180
 gactttttta tattttattta ttcattttatt ttataataag cagacattgg gacaagaaac 240
 ttctgaaaat atttatagtt ctctgaaaga aggtgtcttc ccttccttct gggagttaag 300
 gaatgttttg acaaggaaga aagatgggtg aataagagtg tattgtatta ataactaaca 360
 ttaattgaat atagaatatg tactaggggc tgtaaaaagc tctttatatt ggattatggg 420
 atttaatcct caaccttatg agcctgatgc tattaatgcc tctattttat aaatgaagaa 480
 attatgtcac agaagggtta ataatatttatt caagggaac ttgccaaagt agcattaaac 540
 cccagagtg atcctctccc tangtgcaga gcaaagttnc aaggggcttg gtatgcacca 600
 gtctcagatg attctattgn ggggtggctgc cagaatcaag cttgctgtga aaacactgat 660
 tggaagaaaa aatagtcccc accagctatn gctatnggtt cctgtgcatg aacctgagaa 720
 gaaagccaag ccgcntaaa agatgtagag tccaaacctt ttgctgcagc ttcntggaa 780
 tacgggcattn tgcacccaaa acatggntta aggggg 816

<210> 3972
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 3972
 attcanatac aagctcttgt tcttttttgc ggatcccatc gattcgaatt cggcacgaga 60
 ggaagagtat ggctcctgaa cctacacaga gctctacagt agtcgcatct gccagcaag 120
 tgaagacaac gcaaaacttca aatgctcctg atgtaaatga tgcaattgtg aaactattca 180
 atgattttga tgtaaggaa acctcccatc atttagtgat ttctcatcta gatctacaca 240
 tatgtgatga cattcatgct aaagaaaaag agtcaaacag acgtattact ggaggggcaa 300
 tgcaactctc ttttacacag ctaactatag attattatcc ttatcataaa gcaggagata 360
 gttgtaatca ttggatgtat tttagtgtat caaccaaacc aaaaaatgga tgggccaatg 420
 agttattgca tgaatttgag tgcaacgttg aaatgcttaa acaggctgtg aaggatcata 480
 atgtangttc acctcctaaa tcccaaacac atgcctnttc ccagcacaca caaacagaga 540
 aggactccct ctgaaaggga catgcagaac accttcagta ttatctcaac aatcaaaaagc 600
 taagctaatt tctagtcttg gtgtgggtag acttgcatg ttcaatatat ccaggtcctt 660
 ntacagcngg acaatgtcgn tctttccccc aaaaaccatg atttgctgca ataaaaaatn 720
 cctttntntt tccacaagaa aaggtcagct gtctttttta gaattcacca gaatntttcc 780
 tattccaaat gggaaaggat ttttccaant tccatct 816

<210> 3973
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 3973

attcnaatca	gctcttggtc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagcaa	60
agccatatac	tggtgaatat	atactgggtc	aagcaccaca	tgtagtttt	ggaatgtgta	120
tttcccagcg	aatagaattt	actgctccaa	aaagctttt	tggcataaat	cacaatactt	180
acagaaatat	aattgtatca	ttgaaaaaaa	caaagctcac	cttcctaata	atacatttca	240
caaactgcac	attagggcaa	tttcttactt	atgaggaggt	caaagaaata	ctctgtcaat	300
atagtataac	tgcttatttc	aaattgtatc	taggaatgaa	taactactat	tatttaaagt	360
actactgaat	tttgaggaac	tgatcaaaga	attagtatta	ttaataaaat	tgtactattt	420
gcaatatatt	tgcttggca	caaatgcaga	gttaaaaaca	taaaattata	aaaaaaaaata	480
atagtgattg	gttgttacta	ctttaaaatc	ctactaattt	ccattagcac	taaatcaaac	540
agcacttatc	tggtgtatac	aagtaaaatt	ttgaaagact	cngacacaaa	atgaaangct	600
ttttaaaaat	gtctttgcca	taacanggta	tatgaccctt	tgctaattgg	tatatttcct	660
tangggcact	ttgaggctct	ttcaaaagac	atctgcgcaa	ttagggtcta	aattagaagt	720
agaaatattt	tggcngatnt	ttactatntc	acaaaaaggc	ctacctactg	gnntttataat	780
aaaanccaat	tctcaagtnt	tctn				804

<210> 3974

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 3974

ttttgaaacc	catcanctct	tggtcttttt	gcaggatccc	tcgattcgtc	cacacctcac	60
gttcagtcac	agccctcagc	tatcttccct	ccggccactg	ggctacctct	ccttcagtcc	120
cagaagacaa	gtctcaccaa	cccagggagt	caaggaccag	caaaccaaag	tggataatgg	180
actttttcat	tcctgttttt	cttggcagga	gagaagcaag	gccactaaaa	gaggagatgg	240
tgagagacgga	ggctcagcag	tggtcttgag	gggtaaagga	cttagatgcc	cagatgaaga	300
gggaaagctg	acatctgcag	ggaacccact	ttgaggctga	ggccatggca	ggacagctgc	360
tgtgggggtgc	agaggcagaa	gatgaaattc	ttagtgatcc	agaggttctt	gcagccatgc	420
aggatccaga	agttatgggtg	gctttccagg	atgtggctca	gaaccagca	aatatgtcaa	480
aataccagag	caacccaaag	gttatgaatc	tcatcagtaa	attgtcagcc	aaatttggan	540
gtcaagcgta	atgtccttct	gataaataaa	gcccttgctg	aaggaaaagc	acctagatca	600
ccttatggat	gtcgcaataa	tacaaaccag	tgtacctctg	ccttntatca	aganacttgg	660
gtgctttgaa	nataatcctc	cccttttccc	caaatgcagc	tgaacattta	cagtgggttg	720
ccttagggat	tcattcaata	tgtttctctac	taggaatcca	actttaacat	ttttaatctc	780
aaatattat						789

<210> 3975

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = A,T,C or G

<400> 3975

ttcccataca	actacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
tggtgcttaga	agatggggct	gagtagggag	agagggtgct	gcctgggagc	tgagccatac	120
aagtgactgc	acaggttgac	atggaggatt	aggtggagtg	aggcttccaa	gcagggaggg	180

gaatgatggt	ggggcccaaa	tgaggagcca	catcgaagta	gatgagagaa	tagaagggtga	240
agtaagggct	ggcgttgggt	agggggagac	gccagcagtg	atgctgatgc	ccaggctgta	300
ggtgtatagg	tgccatccac	ctggttaaaga	gagagctgta	gcgcaggaat	gaggttgcac	360
atgtagaaga	aggggaaggat	acaggggaga	gaagtgtctt	ctagtcctaa	aaaacagcct	420
gtgggctggc	atggtggaac	aaacctgtaa	gtcccaacac	ttcgggaggt	caaggtaaga	480
ggatcatctg	cttgaccag	gagttcaaga	acagcctagg	caacatagta	agatcccatn	540
cctacagaaa	aattaagaaa	ttagcccgga	tgctgtggca	cacaccttgt	tgtctcanct	600
tacttgggga	ggcccgatct	tttgaggccc	cnggggaagg	caaagtcttc	caatgaccnc	660
cattgatctt	tgcccacttg	gactttttaa	ccctggggcc	aacttgacnt	gnccaaccat	720
tgtnttttna	aaaaaaaaaa	aannnnnnnn	naacttcgaa	gcccttttta	aaaacttttt	780
agtnaggttc	cttatctacc	cttanatncc	caacccttgg	ttnaggatcc	catttgattg	840
aattttggga	ncaaaacccc	caacntttgg	a			871

<210> 3976

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 3976

naaanaaaac	ncttttnaaa	ctaccgggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggcc	taaagtaact	gaagatccat	ctnttcgtat	acgtgcaagt	cacaagggat	120
gogatggctt	ggcttgggct	cagaggcctg	acactagtta	ttataaaatg	tactttcagc	180
agtcttctgg	gacttgacta	ccttgtggat	tgtactagaa	atgtcaggta	tgggtgactgc	240
tctgcccacc	actctaaatg	aaactgtccc	cccacagtct	ctggtgcccc	ggtgtcctat	300
gtccctcgtc	acagctgaat	ggaccaaggc	agatgtgcta	tcaaggacag	ccaatcacao	360
gtgagcagta	atctctgata	tgctttgggtg	caaaaagctg	agttgagtca	acagttatctt	420
aaatttgtgt	gcagtcactt	ccgtttgcgtg	gggaatggcg	tgggtgaggga	agattgatata	480
aagttacctc	atatctgggt	tacatggata	tatatcctac	agttgcttaa	aatacatttc	540
angattcttt	ggtttgcagc	atgtgtttttg	gaaaggacag	ggagaggaaa	ttaagaagtg	600
gagtgaatc	caaggaccct	tcacctgccc	aaaaagtgac	gggcttcttg	tgtcaancag	660
gtgacagctg	gcaaggcttt	gccctgangg	tcgacagaca	aaacaagcan	tgacatagg	720
gaagacacaa	gcaaagggtg	agctcnttgc	catatanagc	tgcatgnaaa	agcttaacn	779

<210> 3977

<211> 1005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1005)

<223> n = A,T,C or G

<400> 3977

gatcttctgt	catttgcttt	tctgagtttt	ggccctcctg	tcaatctatc	tggtcggggt	60
tacttttctn	catcttcaag	caggggtgtg	tcttcaagca	tgcatgtctg	tgntttgatt	120
cgaattgat	aagttataat	agaagcatga	gctgctggga	aaatatacct	cctgatttgt	180
gtggntttat	ttgttcatct	tgcaggtttt	gagtagtttt	tgggtggatgt	gttgggagat	240
ttnaatgtta	cttanctggg	attatctcta	ctactttggg	gggtcaatatt	gaattttttc	300
actgaatccc	agcccaacac	tntntttttt	tttggcncta	attncntcga	aaaaaaatgg	360
ngtttggtat	taagaataaa	gangaaaagt	nntgggtttt	ttagccaggg	ttcttgtcct	420

```

ancaggaaaa aggccttttgg ttccttaaga aaccccatan ccaatttggg gaaattttta 480
aaatttnaaa tncaaaaagg ccctttatat ttattgggaa aaccatcctt ggccttaata 540
attnaattcc nggcnaaatc ctgggaaaat gggaaaaagt ttaggaattg gaaaaaaaaa 600
aaaagnaccc nccgggntnc ccaaccaaat aaaaataccc ccncccaaa aaaaccangg 660
ccatagaccc cacctctggn aaatttcnaa aangggggcc ttaattaat aanggggggg 720
naaaaaanat ttttcagncc ctnttgaaa cccntttggg ggngggcccg natttaccng 780
tnanaaatnc cccancctt ggaattaagg aatncatttn ggggtggan tnggggncca 840
aaaccccnna acttnggaaa tgccaaagg gnaaaaaaaaa angccttta tttgnggnaa 900
aaattggggg agnccaattg gctttaattt gggnaacctt ttataaagcc cgcanttaaa 960
acaaggttaa cncncccccc aatngccatt ccatttaaag gntcc 1005

```

<210> 3978

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 3978

```

tttnnnnnnn nttnnnnnnn ttttgaatnt gaaanccttn anacaagcta cttgttcttt 60
ttgcaggatc ccacgatc gaattcggca cgagatataa aagcgttttag aanaagaagc 120
aaaagagacc cgcacattcc acccaggag ggcattggaga aagaacagtg agtgggaagga 180
aaacaggtct gtgctgcctc aagcatagag gtctttctat ggcaggcacc cggggcagcc 240
aaaaggacac tgtccacagc caggccagag tctantctgn acacacatan gcagggtgtgt 300
tgcatacctc aagcatgagt tcacgagttg tnatacttaa gngaatttgt ttttttacag 360
naacaaccta tagttccatt taaaaaggga tngttattta attttaatta aaacatatag 420
tagntgtttt ctcacttttg tttatgtatc cattttcaac agctttgttg aggtgttgtt 480
tacacaccct caaattcact ngttttaagc atacaatnta ataattttta gtaaattcag 540
aattgcgcaa acatcacaa ctantaatag aaattttctt tcaactccaa agaaacctgt 600
gctctattta gcaactccct gttcccgcgc agtaagccca tatgtgggca aaagttgact 660
ganacttggt atttttaatt gaaatatcac aaaacttatt gcattttttt tttgagacgg 720
agtcttgctc tgtcgncccc agntgngggg aaggggctnc ntnccccenn ctngngnnnn 780
ggnggncnt 790

```

<210> 3979

<211> 462

<212> DNA

<213> Homo sapiens

<400> 3979

```

taacatcagc tcttgttctt tttgcaggat ccctcgattc gaattcggca cgagcctaga 60
cacctcgat tggggaaagt cttaagtggg tggagcccat gacatttggg tatgatgact 120
agattttttg tacagctgag cctcaataaa ctcatgcgta cacttgtgag aactcaaatc 180
agaaatgggc acagaaactg gattacattt ctgtgctctg aaatcccaca gagttcataa 240
aaatacacat gtatacacia aagcaacaaa tgtaagttac attttattat ggaaattgat 300
attagtgaat ttgacagctt tctatgggta aagattatcc tgtaggtgag ccaagggtct 360
ctgtttttct gatttctctt attcattccc tataatttca gcattttcgt tctcattgac 420
ttaatattcc tgagggtatt attgtgaatg tctttgttta tg 462

```

<210> 3980

<211> 475

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 3980
 acntngatca agctacttgt tcttttttgca ggatcccatc gattcgaatt cggcacgaga 60
 tcttttaaaga aagcatccac agttttctgtg ccattttcatt gacaggtttt attttaaagt 120
 gtagaccatc caacagaggg atagggagct gcagcgggtg gctgcttaga ctcaaaaaga 180
 gaantctcgc tgactcatgc aggttgaggt tttgtctcat tcccaggaat gcttggaactc 240
 ccagaggcag tgaagccaca catttttagca gaattacctc agcagtgtgg tgcattgatca 300
 tgaacttcaa gtttacctac aaggaagatt tcattgtcct tctgtcacta gccaaacact 360
 tcacagccta nactcctgga ctacataaag gccatacaa aagtgtttgt gtgcatttgt 420
 gtatgtgtga gtgtgtgtgt ttgcagtggg agaggacact tatctttgct ctccc 475

<210> 3981
 <211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 3981
 ttcattactc ttgttctttt tgcaggatcc ctcgattcga attcggcacg aggcggagct 60
 tgcagtgagc agagatcgca ccactgcact ccagcctggg tgacagagcg agactcctct 120
 cgaaacaaac acaaaaaaaaaa gtttcaaaga cagaaagtgg aagttacaag gctttttaag 180
 gccttatctt ggaagtcaca gcancattta ttttgcattc cattgggtcaa actcaagtcc 240
 taacaggcct aaggggggtca agtaaaaggt gggactcaca ggaagttcca tatacattac 300
 agcttcactt gcagtacaga ggggaaggga aatcctactg ggacagaacc tcaagtagca 360
 tacctggttg tatattgtgc ctggaagaaa agatggccag aagtatagat ctatagatgg 420
 atggtgattg atggatggtt tgactggatg gtcagggtt 460

<210> 3982
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 3982
 ctctgtttga ntcccgttcc aangcaggag cccatcgatt cgaattcggc acgagacttt 60
 gcatttgctc gttttgttca acttttcctt ccttctctgc ctgccaaaga aactgtaata 120
 actgtaataa ttnttatgac tttctcttca atgacagtna tcttccttta ccctaattcc 180
 ttccctcctc atccttcaaa tccccttcct catcattcaa agnctaactc aagctagcct 240
 ttccctcctta ttttcccctt atctttccaa tccgtatgga gatttctcac ctttccctgnt 300
 ngagggtgcg ccagaatggc gaggattaaa ttgtaattgc tntntaatag actgntgtgt 360
 cngcccacta gatttcaagc tctctaaagg tnaaagctnt ttctnacatc anaactngag 420
 tccttttatgg annntnnncac atcngaaggn cnnnanttat ttg 463

<210> 3983

<211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (457)
 <223> n = A,T,C or G

<400> 3983

tattcatcaa	ctacttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagtcta	60
gtcagggtc	tctcatgagg	tttcagttat	gatgttggct	tgtactgtgt	cgtctgaagc	120
ctggctggct	gaagcatctg	cttccaactc	actcatgtgg	ccatttccca	gagcccagtc	180
cttactggct	ttttgccagg	gaggccttaa	tttcttacat	atgggcctct	ccatagggca	240
gcatgcactt	tgcagctggt	ctnccttaca	gtgaatgatc	caagagagta	tgagagagtg	300
tgccacaatg	gaagccagg	atctgttata	acctcatctt	agaaatgata	taacatcact	360
ctgccatatt	ttgtcagttg	cacagacccc	tggtacagtg	tgggangtga	caacacagga	420
tattaatacc	aggangcagg	aatcattggg	accgtct			457

<210> 3984
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (465)
 <223> n = A,T,C or G

<400> 3984

ttccatttag	ctacttggtc	tttttgcagg	atcccatcga	ttcgctacga	tgacccctc	60
ttcaggctgc	catttggtag	agggnnaggg	agtggctagc	catcgagtna	gaccatgctt	120
tgcaccacc	atcagcaagg	ctcaagatag	tgcctggcgt	gctcagaata	agccttcct	180
tctgcaggga	tctcatctcc	atctgtggga	accaggtntg	aggctctgaa	cagntcctgc	240
tctggcaaga	cacctccaca	tctttctccc	tcaaacattc	atagcctctc	tgccatttta	300
tgcttctggt	acaccagaaa	taatatcaca	atgccctgca	tactgaccc	ggctggataa	360
ttccttttca	atatgtcctn	cttgcangca	naagatcttg	ccanaagact	gagaaccag	420
ncttccaaga	tggccacagc	tgcaccaaag	atcacaangt	aattg		465

<210> 3985
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (463)
 <223> n = A,T,C or G

<400> 3985

attcatcage	tcttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	ncgagattcc	60
agcatccate	acagataaca	gacagcacta	ttcatgaaat	cccaacaana	acacacgcca	120
agttcccata	tacagggtgca	nggcattgctt	catttaccat	tgaatttgat	gacagtaccc	180
catggaaggt	nactattaga	gaccatgtga	canagtttac	ttctgatcan	cgccacnagt	240
ccaanaagnc	ttctcctgga	actcaagact	tgctggggat	tcaaacanga	atgatggcac	300
ccgaanacaa	anttnctgac	tggctagcac	aaaacaaccc	tcctcaaatg	ctatgggaaa	360

gaacagaana tgattctaaa ngcattaataa gtgatgttnc agtgtacttg aaaagggtga 420
aaggaaatna acatgatgat ggtacgcaaa gtgattcana gac 463

<210> 3986

<211> 464

<212> DNA

<213> Homo sapiens

<400> 3986

cgtcattcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg caccgagatca 60
tctagaatcc cagcagtttc cttaagtgtc ctactgtcaa ttttccattt ctctcgtcca 120
aattcacatg gagacatcat ttttacacac ttgtaataca ttgtaggcgg agtctggggg 180
tcctagcact tcccctaaca tcactctcatg atacttagac ttttaaagaa cccttgagta 240
ggcctgtga taaaggatgt tagtgaaaaa aataatgaga aacagggact tggcttagag 300
aaagaagcct gcgtcagatc agtaggcccc cctggggctg tgggaagcatg cagaaggtcc 360
cttaggaagt gatgttgga atggccttgg gccagccacg ttatttctct ggacctcagg 420
tcacccatct ctgaaatggg agcattgaac tggctgatcc ctga 464

<210> 3987

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (458)

<223> n = A,T,C or G

<400> 3987

nccttctct ctgttcttt ttgcaggatc cctcgattcg aattcggcac gagggaaaac 60
ggaaaaaact caagagtgan aactaagtgg tgtgtgaaaa tgctattgtg cctgggtggg 120
tgaagtcatt aaatcagaga gccaaaantn cctancagag tggancgaaa aangaccggn 180
cagacagtgn gaataatata tcaactgatgt aaaancaact catatgatgc ttgtaaatgt 240
ggaaactata actntccctg gaggggtata nagatgagtt caattaggag ggaaactgag 300
tgacaggagg acaaaatttg aaggagagatt tttactgtat aactttgtat cttttaaatt 360
ttgttccagg cgcatttate atgtattcaa tgcatttaaa cagaagagga gaaggacggc 420
ccatangata taactattgg ttaaaaccat cttgtctn 458

<210> 3988

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (457)

<223> n = A,T,C or G

<400> 3988

gnaanncctt tncccnnnnn ttttgcagga tcccatcgat tcgaattcgg caccaggcaa 60
tatgtagttt gccataaaan gaatgcatgt cttattcttt tccatagttc ttcattaatg 120
agacttgtag ccaagaatag aattggaaga tnccatctcc tggggtagtc aaaaaaatc 180
tccttgggta atactggaan canctaattt tcctaatttg gttgggtccct cttaataata 240
aaatnctatg ggaatnactc tttagtagtt ggcctgggtg gaagctctgg gaggagcaaa 300
gcancctctc caggtgactg gctgactttc cacctgaagg agtattactg caagaattac 360
aaagcaggta ggactctggc ttttgatgag caaatggntg aaaagtgcct ccttcccagt 420

cttccttttg ccttcatttt agtttaaagc ttgaagt

457

<210> 3989

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (471)

<223> n = A,T,C or G

<400> 3989

aagnnacttn	tttgaaaccc	ccngntcttt	ttgcaggatc	ccatcgattc	gggcacatct	60
tctactagct	aacttggtcc	ttttttttna	aaaaataaaa	cccttgcgta	gttctccctc	120
aggggatgcc	taggattttg	gatgagaacg	tattggctca	atgtgagtgg	ggcagtggca	180
ggcatccatt	tcccttcccc	ccattctgnc	acaggtgccc	atctgcctgg	cagtanaatc	240
cantgctcat	gttggtgact	ccagagcccc	ttccttgctg	gtgcctgcct	gangcattgg	300
tgtatgtggc	gtcctgggaa	ggggatttta	gttnaatgaa	tgatacgtac	ctcttgcttt	360
cctgggntnt	gcgagcttta	atcccttgat	ngtctgntgg	gaggcttgan	agacanaactg	420
ggaactgtgt	nagaaagcat	gactcgtatn	ncgattgnan	ngaaatnanc	t	471

<210> 3990

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (466)

<223> n = A,T,C or G

<400> 3990

tgnttngant	cagctcttgt	tcttttttgca	ggatcccatc	cgattcggaa	taagtgaatt	60
ggaagatagc	tacacagaat	gaagcataga	agggaagaga	tggaaataca	cagagctaga	120
gggtaacaca	ttgatgctac	agacagaaca	cctaacatac	ttctggagtt	ctgtaagatt	180
agaggagaga	aaatagagca	agagaaatgt	tgcaaggatt	tttccaaaag	gtataaaatg	240
tatccctgaa	tatatatttta	gtaatctcaa	cttcaggcat	gataactaaa	accaaattaa	300
cataaaaataa	tacaggacgc	aaaagaccaa	tagaaaatct	gaaaagtagc	tagaggtaga	360
agatagagta	tgttgaaaag	aactgtattc	taaatacaac	ctgattttta	cagaaaacat	420
ggaagcagga	attcaatgga	ttaatgggaa	tcatgtcttc	aatgtg		466

<210> 3991

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 3991

ggngnntnnn	ccctttgaan	cccttaatac	aagctacttg	ttctttttgc	aggatcccat	60
cgattcgaca	gggtagtgca	tgtgacggtg	tccaagacgc	acagcagatt	ttcatccaca	120
aaaaaatctg	accacaagag	ctaaacggaa	ataccttccg	ctgtccttcc	caagtcacag	180

agcaaacacc	tcagttccca	ggggtccgca	tcagttctgg	tggaggcggt	gactgtgagc	240
gtgaccagct	gggctaattc	gtcctgacat	ttagttggga	cagctatagt	ttcctacctc	300
tatgaccaga	gagtgaagcg	tttctactgaa	gaactgtggc	cggcgtctcc	aggaaaggaa	360
ggagcctcgc	tttctccagg	gcaggggcag	cgtggggcgg	ggcaggccgg	gtgtgtctgt	420
ggggagtggg	cgcgtgctca	cactctttaa	gctgcgactg	cttccttttag	gacagaatga	480
agttcttcga	ggaggccgat	gaagacagaa	tatggataag	gccaaacctc	cacaaaatcc	540
ttctacatct	tcatatcaaa	acatgtttaa	cataaacctn	caaataacct	cagggatata	600
agcacagggc	ttntctaaaca	ggcgggatat	gcaacctcgt	tctatcccan	gccacacag	660
aaagtgttgg	gggaatcact	gaaggaagga	ngagaaagaa	ctcagaagaa	ccataagaga	720
gcaagacatg	gacaggaaac	caatggccca	cgccccgcan	gaagacttaa	aactncag	778

<210> 3992

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (905)

<223> n = A,T,C or G

<400> 3992

ttattccatc	aagctcttgt	tcttttttgc	ggatcccatc	gattcgccctc	catgtttatta	60
gtaattctgt	attccatttt	gttaacgcct	ggtagatgta	acctgctagg	aggctaactt	120
tatacttatt	taaaagctct	tattttgtgg	tcattaaaat	ggcaatttat	gtgcagcact	180
ttattgcagc	aggaagcagg	tgtgggttgg	ttgtaaagct	ctttgctaata	cttaaaaagt	240
aatgggtgat	ttaaaaagaa	aaaaggaaaa	aatcttttgg	ctgaatatgt	tcattgcttg	300
tattttttaa	acaacagaat	ttccagtatg	aaacaggctg	aaagagcagg	aagaaatgtt	360
ctttgtataa	taatgggaag	tttggaatat	aaaagtttat	atattattta	tctattggag	420
aactgggtgta	caggaggaac	attttcttac	tgtgttgctg	ttttccatca	tgtgttatcc	480
taagagttgg	ggttttttaa	aatctgtttc	accaggggaa	aataaaagca	tccctaattgt	540
tcttcctcta	aaaaacccan	nnnaannnnn	nnnnnnnnnn	nnnnnnnnnn	ncctcggaga	600
gagaaaaana	cctttctccg	agccctntan	aacctatagg	ggagtccgtn	ttaccgtaga	660
atccccnact	ttgaataaag	aatnccattt	gggttgaagt	tttngggacc	aaaaccccc	720
aaacntnnga	aattgccnnn	tggaaaaaaa	aatgcctttt	ttntttttggn	ggnaaaaatt	780
ttgggggaaa	ggcctttttt	ggctttttan	ttttgngaaa	nccccctttt	ttaaagcctg	840
gccnaattaa	aacccaaggt	tttaacccaa	nccaanccca	atttgccent	tttccanttt	900
ttnt						905

<210> 3993

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (790)

<223> n = A,T,C or G

<400> 3993

gaancccttt	tgaaaanctt	anatacaagc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagatat	tatttttaatt	ttatataata	gcatgtactg	ctttacacat	120
ttttataata	agtcaccaca	gtattacact	ataactacgt	tataagtgca	atagatatgg	180
gtncataaaa	taaaaatagt	tgaggagaaa	aaaccttttag	accattcatt	ataacgtgcc	240
anactgataa	ggggaaaacc	ccccatgtca	catgagagaa	ataaaaacca	ctgccatttc	300
tctgtgcctg	ggtaactgag	ttgattgtat	tcaccagaag	gttcttgttc	tgccttttag	360

```

acctgcctgg gtcatttccc tgttcacacc ccagtgacta agctgaagag atttatcatg 420
atgcctgctc ttttctgttg gccttggtca cttccatgtg catgagcacc tccatccaaa 480
agtggccttc ttctctagcc ccgatgggat gtcagtngcc catgtttcta atagaagacc 540
catgccaaaag ccactttgac aactctccac tcgcaagaat gctgtcggcc tntagctaaa 600
ctgttatggg cactcaacg ctgtacactg tgtggccact ttccttcgcg tttctgtcat 660
tgcagggang ttgtaaggca acaccangg ggcttgacct cttcaaggac tttgccagca 720
ncaaaaaccc aancttgggt acaccctggc ttaaaaaccc acanccccag caanttnena 780
gctttnaatg 790

```

<210> 3994

<211> 898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 3994

```

tttaattnca atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
gaggacactt tcattgttgt gccagctggg tgaaattaaa actctgatat tacttttttt 120
gaggattttt atttttgttt ttgcttaaac atatagtttg tctagaagtt taaaaagcta 180
aaagttaaaa atggtgtaat tatgaaaatc taacactcaa gatagtttct aaaaggaaat 240
cagtagttaa ggatacctga tttcaaaata tttaaagcat aacctaactg atggtaggat 300
gattgtatct tgaatatgtg gtagggccac atctattgta ggaaaacctt gcttttatca 360
tctgtgtgta aagggtctta taaggagaag aggccttttg actgatttgt gagtataaat 420
gcatttgctg tttcatttca aaaatgttgt ggaggaaaag agtacattta acttgtataa 480
gagaatatat gtactcctgt ccaggctgca ggacctttct tcgagagctt tgcacacttg 540
acttgaacca cattttctga tccctttact ttgttttaga agcaccactg aaaaatctcg 600
ttgttttaaa gtncaatttg taaatatattc aaaaaanann aatnnnttnn nnnnnnctcg 660
gagcctctnn aaccttttagt ggagtcctga tttaccgtag natcccnaaa ccatggatta 720
agaataccat ttgggttgga agttttnggg ccaaaaccn caaaccttg gaaatgcct 780
ngggaaaaaa aaaaaaggcc ttttaatttt tngggggaaa aaattttggg ggaatggcct 840
attttggtct ttttaanttt tgggttaaac cccctttnt ntaagggcct gngcnaan 898

```

<210> 3995

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 3995

```

gncnnttna taccatcanc tcttgttctt tttgcaggat cctcgaattc gaattcggca 60
cgagaatgga tgaatttttg tttgggttga agaattctct tgagaagttg acacgtgggg 120
gcaatgggtt gtttctcttg tatttctgaa gttgcaaata atcatgtaag cagttcaacc 180
aggagtttac accaaacttt taataggcga tatatcatta ttttttttcc cattggtttg 240
gataacatcc actttaactg gcagttagtc atacttagct atttttgtta aagcagggtga 300
tttattgtta ttttatattt atgacatgat taataagtga atatggaaga ttttacattg 360
acttagggga tcaaagtttt cattatatta acacctttaa ttgccatgag ttttctattt 420
ctagcatgca tattttgtgt tcattcaagt gaagaaaaca gtcttttgtg ttctcaggta 480
ctgcataagc cgaccacagt ataagacttc ttgtggcatc tcttcattaa tttcttgttg 540

```

gaattttctta	tacagcacaa	tgggagctgg	aaaccttccc	ctattaccca	agaagaagct	600
ttacatatte	tgggctttca	acctccattt	gaagatatta	aggtttggtc	ctttcacggg	660
gaatcaacac	ttatgangnt	ggtttaagac	aaattaaatg	acccctttcc	atgtnaaaaa	720
ggatgctctt	atggttctat	attaaaccct	cattggggaa	gaataaaaac	caccagggag	780
aaaacctgct	tcanggggnc	cctgtcnaaa	gttaaccccg	ngggtttgga	aan	833

<210> 3996

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 3996

atnengtttt	aattccatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gagaagcaga	gggacaaggt	gtcatccaag	tgacctacct	gcctcagcct	120
cccaaagtgc	tgggactaca	ggcatgagcc	actgtgcccg	gcctgttatt	gttgtgttgt	180
cctgctttta	tgggtgcttct	ttttctttat	ttgtaatagt	ttccccctcc	actcccactg	240
ttttcttaac	atggagaaac	ttttttttta	attgttccca	gtgaatgctg	tctcttccca	300
tgttgactcc	attcacttgc	catgaattga	cttagtgcca	gacctctgtg	ccttcttcat	360
gtaaccagct	caccttagcc	ttcttgtaga	gggcttatga	tcttagttgg	attaagttaa	420
caagtttttg	ttcagaaatt	ggaaaatact	agtcaccatt	actttcatct	gtacttgaaa	480
atttcgtctc	tcagacatcc	atcatctcta	ggtggttggt	acaangcttg	acatctttct	540
aacagttgac	tttggttctt	ttaatttcct	gaactaattg	agagttttct	taagcagagc	600
ttanaaggag	tactttgcagc	ccccaaaaca	aangcagggt	tttaaaatta	ttggngctata	660
agtcttttgt	tattccagct	gtcacccaaa	atggggattt	tangcattta	caatcggttaa	720
aaggggcaaaa	ccccaaatta	ggggatggac	aaaatccctc	actggnggat	gactctttaa	780
tgcttaccct	caagactttt	ttaagagtgn	ggattatcaa	ccagngactt	cattggcn	838

<210> 3997

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 3997

tgaaaccttt	tgaaaccttt	nanacaagct	acttgttctt	tttgcaggga	tcccatcgat	60
tcggtaaaaa	ccctctgatg	caaaaaaaag	tattaacttt	cacaagctgt	ttgtactcaa	120
atacattttc	tcagttttcag	atcctctgct	gtttttattga	gtggaaagtt	gagctaaaac	180
ggttcaagaa	gaataatgtt	gcatttcctt	atgtctcagg	aaacactttt	tatggtaact	240
tgtcagattg	tctatgaaca	aaccttctt	tttagacatt	gataaagtct	tcttttcttc	300
acgtgatatt	ttatacaaga	gcacttcaga	tgtattagat	gtgactgatt	ttaacaaatc	360
ctatttagatt	tgtatcaact	agttacatgt	tctattcaca	gtcttttgtg	aatcattgcc	420
tttttggttg	aaaagatggc	ctcttttgag	cctttgtttg	gatacattcc	tgtttttgtg	480
acaaaagaaa	aacttttaaaa	ttgtcccaag	cagaaaaata	atggctatca	gaagtatgtt	540
ttgtttcagt	gtgagttact	gttactgtat	ttgtttattg	taaacgtaga	catttagcat	600
tcactgcagt	tttcaataaa	aagtaattaa	aatttggtga	gttctgaaat	tcaagtacat	660
ctcactaatg	taaaagttct	ctacttgaga	tgtttaaggc	aagtgcgttg	tcaattacca	720
atttccaact	cttgttctac	agggctctatc	tgctatttca	taccagactc	aagaatg	777

<210> 3998
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 3998

tgaacnnttt	aaacnntttt	gaaatcncntt	nggctttctgc	aggatcccat	cgattcggct	60
atgtgctgac	aaatgtggcc	tactttacna	ccattaatgc	tgaggagctg	ctgctttcaa	120
atgcagtggc	agtgaccttt	tctgagcggc	tactgggaaa	tttctcatta	gcagttccga	180
tctttgttgc	cctctcctgc	tttggtctca	tgaacgggtg	tgtgtttgct	gtctccaggt	240
tattctatgt	tgcgtctcga	gagggtcacc	ttccagaaat	cctctccatg	attcatgtcc	300
gcaagcacac	tcctctacca	gctgttattg	ttttgcaccc	tttgacaatg	ataatgctct	360
tctctggaga	cctcgacagt	cttttgaatt	tcctcagttt	tgccagggtg	ctttttattg	420
ggctggcagt	tgctgggctg	atattatcttc	gatacaaatg	cccagatatg	catcgtcctt	480
tcaagggtgcc	actgttcac	ccactttgtt	ttccttcaca	tgccctctca	tggttgccct	540
ttccctctat	tcggacccat	ttagtacang	gattggcttc	gtcatcactc	tgactggagt	600
ccctgcgtat	tatctcttta	ttatatggga	caagaaaacc	angtggttta	gaataatgtc	660
agagaaaata	accccgaca	ttacaaataa	tactggaagt	tgcccagaag	aagataatta	720
tgaactaatg	gacttgagac	ttggcaatct	gccaagggga	gacacaaaat	an	772

<210> 3999
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 3999

tttaaaccct	ttgaaaccct	ttttaaaacc	ctttaaaaca	gctacttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacnagta	acagtcctat	attgtttcct	gggcaagtta	120
aatagtccta	attggccctg	agttgttaga	gaatgtttgt	gaaccactca	cacagacctt	180
gacagatagg	tttttgtttt	ttgctttttt	gaagtacatg	atatagacag	gaacacagat	240
ttttaaatgg	tagctgttac	taagtgtggg	agagagcttt	gactctggca	gtttgggatg	300
gcctttcaaa	attgacaagt	gtggttgtaa	ggggttagaga	gtaagtgggt	gatgaatgat	360
acactactct	ttggagaata	aagagccagg	tgtgagggtg	gagtgttcta	ngattaggag	420
acttggtatg	gtttgaaacc	tgaggagtaa	gaaattgggt	gagagaaggg	actctgagag	480
gatgccacag	tattggctac	agctttttca	tcttcccca	ttatccagta	aaagcagagc	540
tccctttaat	attgggagca	atattaatat	gtttactctt	atcacttgta	tttatcattg	600
nattagangt	cctaacaagt	acaattaggc	aagaaaaaga	aatgtttcca	gnttaacaag	660
aggaaataaa	acttttgtgg	tttgcagggt	gaaatgaaaa	atcctaagga	ctcttgtaga	720
aaaaactntn	tttgaaaatt	nccanaacag	cccaataatn	ttttgatngg	gaaaanaaaa	780
acaanaatgg	gttttattgg	t				801

<210> 4000
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (777)
 <223> n = A,T,C or G

<400> 4000
 agnaancnnn ttnttannnn tttgaaanct tntaaacaag ctacttggtc tttttgcagg 60
 acccatcgat tcgaattcgg cactgaggtct tctactctgcg acaacaagct tcttgaaggc 120
 aaagaccata ttttaagtat cttttgtgtc ctagatgcac tgagtaaaan nccagggatg 180
 ccgcagatca taaattngtg ntaatnttca aaaatagact ctaaaattta natttacana 240
 aacattgnaa agatactgna nagtttctgc tctcctacac tgtttcccat attattaacg 300
 ncttacatcc ctgtgatcat ttgtctgnat taataaacca gtattgatac attatcacag 360
 agaccatact ttatnagggt tccacaggnt ttttccttaa tgttctttca ctatcccagg 420
 atcccatnca caataccaca ttacatttag taattatgtc tccttagctc ctcttggttg 480
 tgacaatttc tcagactttc cctgtattta gtgaccttgg cagttttgaa cattactggt 540
 cagggtntgt ttgtttgttt ttttgagaca ggatctccct ctgtcaccaa gactggagtg 600
 cagtggaaac atctcatctc actgcagcct caacactctg gggccaagtg atcctntgac 660
 ctcaatgtcc ggagaanctg ggcccagana tgtgtgccat catgctctct aaaaatacaa 720
 aaaaataacc cggcgtgatg gtggggcctg tatcccagct actcnggagn tgaggga 777

<210> 4001
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (787)
 <223> n = A,T,C or G

<400> 4001
 ttgaaacctt ttnnnnnccc ttttnaantt gtagaatata agctacttgt tctttttgca 60
 ggatcccata gattcgaatt cggcacgaga cactgttcta aagggtgttg gtgaattttc 120
 ttttttatat attaccacaa tctgtgaaca aatacaata tctttccagt tagtgcattc 180
 cctcaaattg aacttctggc tgcaaggaaa gctaggaatg attatgggtt tgttagtaag 240
 gaaaattatc aaaatgggat attaggttgg ctactagcag tcttggcctc atgctttcag 300
 taaatagtgt gcacttcaga tcatgtggca ttggagaaag gaagaacatg ttaataatat 360
 aacatgggtt aggtcatgga gtcttgatta ttgtttccta atgggtactgt ttgacttcat 420
 aggctacaag acaaatttct tcaagtgtaa atttttcgat tgaagaagac ataaagcctt 480
 tgagaattta ctgtatactc agcactttgc ccgggtgtag gataaggatc aaaatcatga 540
 aagcctaatt tctttcccca gagacttatg aatgtggctg aaaagaaaaa gtacaacaca 600
 tgcaaaataa ttatgaaata atgatgtatg acagggaatg agagaaggga gagatcagtg 660
 tgcatagaatt aatgagaaaa acctcatgga gaaggagcag catagggttag atcttaagga 720
 atgggaaata ttgcagcana tgaaaangac tgccagggtg gggtataata tagtagngga 780
 agaaaaa 787

<210> 4002
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (780)
 <223> n = A,T,C or G

<400> 4002

```

aancnnnnn nnnnnnttt gaantcatag aaacaagcta cttgttcttt ttgcaggatc      60
ccatcgattc gaattcggca cgagggcctt tttccttggt ttcttcttag tgacagcatt      120
ttttggaact ggaaatatag cttctattaa cagctttgat cttgcctctg tctattgctt      180
tctgactgtg ttcagtcctt ttatgatggg agccctgatg atgtggaaga ttttaatccc      240
ctttgttctt gttatgtgtg cttttgaagc agttcagttg actactcagt tatcgtcaaa      300
aagccttttt ctcattgttc tcgtcatatc agacattatg gctttgcatt ttttcttctt      360
ggtcaaggat tatggcagct ggcttgatat tgggacaagc atcagccact atgtgattgt      420
catgtccatg accatctttt tgggtgttct caatggcctg gccagctgc tcacaacgaa      480
gaaactcaga ctatgtggca aacccaaaag tcacttcatg tgaggttgct gaagcaccat      540
tcagcatctg gatcctgatt ctctttttaa gctaaaatct catcaaggct tcaataagaa      600
gatggatatg gatatatagt atattctact cctgtaagga aaatgggtatt tgggaattccg      660
aattgacagg ttatctggaa caaaggagct tctttttttt tctangtttt gcaggcatga      720
aatagtgatt atatctgtgg aaaagcatan gaaggcattc tcctttttca tttttttcct      780

```

<210> 4003

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4003

```

tttgaaccct ttnaancctt tttgaaaatg naaanacaag ctacttgttc tttttgcagg      60
atcccatcga ttogaattcg gcacgagttt agatggagct cataattata caaactcatc      120
tcgttcacaa atccctaggg ctcaatgtta aagtcagcca ttgtttaagg cagaaattca      180
ggtttagata tagtgtagca aagattttcc atttatatgag atatcgatcc tattaacat      240
aaaacttttc tcttggtctt ctattttact gtcttttggt gccatcagct gtatgccctt      300
taattttttc tagtaatacc ttggaattta aaaatgaaat tacaaatggt tatgttttag      360
tgttttttaa aataattcga ttaagtatgc tatgatagag gagcaaagtt gttattagta      420
atatcaatgt gcttacaaat tatggaaaatg aaaaatagtc tttagtccta gcagcctttc      480
tgctgtagta aaatagtttg tgcactttaa atcgctgtga ggttacatct tcaaaggact      540
gagtggcata agccagggag gtcttagaaa tcttacaaaa ggaaaaaaat aagaaattat      600
tcctcatcat atgaaaatta tttactaaca atgtatgatg gtttaancct cttttaaatt      660
cttcactttc cactcctttt tgcttctttc cttttagttg gactattacc ggagttacct      720
tacactaatg ttgangtatt tgggggttcan aagaaaaata ggccaagtaa anggaaaatt      780
ggaaaatagt ttccaat

```

<210> 4004

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4004

```

gnnnnnnnngg nnnnnnnntt ttnnnnnntt aatgaaccct ttgaancccn tntgaaaanc      60
cntngaaaca anctacttgt tctttttgca ggatcccatc gattcgcact gtggagtcct      120
tgcaagtcag caggaccagg gctgtcttcc tgcaccatct ggatttggtt agctctctct      180
gggcagtggg gccgagtcct atttcctcca acaataatgt tatataggca atgatcctgg      240

```

```

gctgccctaa cataattgaa aattatgtgt attgtaggct tggagtgtctg aaatgtgggc 300
tcataaaaaat atgtggtgca ggtagcctat ggagattgga tgtggcacac aatgaacttt 360
atgtaaagta agaactataa gtctccatgt taatattgta ttatgagtat gacagttctt 420
gggtgggtcc tcagggcagg tctgtcacct tcaacaaagc ccgagtttcc taattctaca 480
gagctggtat ttggatgtaa tcaaatecgt tttgcagggtg gccaaagatg aaaacttgtc 540
caccaatcca gctctcccca ctgagggata gcatgggatg tagatgggtt tgactccatt 600
tggcattttt gttcacggn ttttatgaga tggagagggtg agtgttgggtg ggtgtccatt 660
ttggttggcc tcaaggaaat gactctattg agtggttttg accaatgcac tcatatagtt 720
atgtggtaag tgaaggatgg gggtcctgta cacaaccacc cactagttct nttctccacc 780
aaaaaggaat aaaagttttg ctttcattct caaaaa 816

```

<210> 4005

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4005

```

ttnnnncnt tnnnnnnnt ttgaatttct ttantacaag ctacttggtc tttttgcagg 60
atccccatga ttgaattcgc gcacgaggct ggaggctgtc agaaggatgc tgggggtgaa 120
gacaccctgg ggtcctgaca accattggga gtgtctggtg ctcttgggtg agagagaggg 180
ccagttggaa aagcctgcag gccagccct ggggcagaac tgagtgtggc ggggtgctggg 240
cacaggatat tccccagggt gcttagcttc atgcattcag gcttaccttg aggtccaag 300
cttattggtg gcataagctc tgcagatccc tcacctgcca tcagcctcat ctgaatcttt 360
gtctttcttc agataagccc ttaggcacca gcttagacac ctccaagaac caggccccgc 420
tgatgcaaga tggcagatct gatacccatt agagccccga gaattcctct tctggatccc 480
agtttgcagc aaaccccaca cccagctca cacagcaaaa acaatggaca ggcccagagg 540
gtgaagcaaa cagtgtccct tctggctgtg ttggagcctc ccagtaacc acctatttat 600
tttacctctt tcccaaacct ggagcattta tgcctangct tgtcaagaat ctgttcagtc 660
cctctccttc tcaataaaag catcttcaag cttaaaaaaa aaaaaaaaaa aaactcgagc 720
ctntaaaact atagttagtc gtattacgta gatccaacat gataanaaca ttgatgaatt 780
tggaca 786

```

<210> 4006

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4006

```

attccatcag ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cacgagggga 60
attcgaccaa catggagaaa ccccgctctc actgaaaata caaaatagcc gggcggtgtg 120
gcatgaacta ccacactcgg cagcatattt taaaatgcag ttatttctga aagtttttgg 180
ttttacacaa tttttttttt aggtataaag atgtattgta aggattatgc ttacgtatgg 240
tacagagtat acttcacatt gttcctgtct tttttgtggg ggaggggaatg accgaaagca 300
ttgggaatgt taaaggcaaa tgagtaaaaa gaaaactaaa aaacgattac ttcttcaaat 360
aatgaggaaa gcgtttttta aatttttgtc tgttttttaa aagcaagttt catgttagat 420
ttcttaccac actcaattat ttcctaatat aaaatagata taaaatttgt gatttgttac 480

```

tttttatgta	agcatatata	gtccagtcta	aaatgaccaa	cttccaaatg	tgttccagaa	540
aagaatcatg	acattttata	gctgaaaagg	acctaataat	ccagtccttt	taatataaca	600
tatggtaact	gactccttgg	gagtataaaa	ttaattatgt	aagaaccagg	taagatagta	660
gccagagcct	agaaccaatn	actcagatgc	cccttatcca	ttctaataat	ccacagcatt	720
ttctagaaac	ctcacttaan	gcanttaatg	tgataggggt	tttacctcna	aaatagtgaa	780
ncccccaat	gtagccaaat	acctaaggng	gccttttttg	nttcn		825

<210> 4007

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4007

ttagnnnnng	tttaanccct	tttgaanttt	ttanaanaca	agctacttgt	tcttttttgc	60
ggatcccatc	gattcggaat	cggcacgagg	gcagctggtg	agtggctctc	tgcgcacagt	120
gttcgggact	accccgcctc	ccatggcctg	cccagcgcctg	agtgcagagc	agcccaagtt	180
cggccacttc	ctcgagttca	tggatgagtt	ctgccaggag	cccacagcca	gtgactcaca	240
aggctagagc	tgtgcatggg	ggctgtgtgc	accacccggc	ctgtgcccc	ncctctccccg	300
agggctctgt	gccctggacc	gcacctcaag	gttgaccagc	cggccacagg	cctcagagct	360
cagctggggc	ccacttgctg	gccacaaggt	ggcatcccct	tgtcaggatc	tccccctcct	420
ggcccaggca	tgacctgggtg	cctggcccag	cggcaataaa	gagtgggtgc	acagggcaat	480
agactgggtg	ccacatgcat	tctttcttgg	aacccancca	cagcaacatt	gtcacacttc	540
cctctaaaaa	tggttttcca	gntcagatgc	aacagggata	catttgttct	ctgttgtagt	600
agaaactgac	accaagggga	tcttaacaaa	ttcctgaaca	atggcttcaa	aaaaggatat	660
ttttaaaaac	cagatcttgt	gagtacaagc	cctaattgtc	anggacaggg	tcctcctgta	720
tattcggttct	ttactcaaac	tctttcttgg	ttccttcatt	angaagcatg	aatgggtgaa	780
tgtagaac						787

<210> 4008

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 4008

tattcnatnc	agctcttgtt	cttttttcag	gatccctcga	ttcgaattcg	gcacgagagt	60
acgagagcaa	agaatgccca	gagatgacac	tagtgatttc	ttgaaaaact	cattattgga	120
atctgatagt	ggctttttatt	ggggcttacg	gtgagacata	tcctgccatt	gaagatgacg	180
tcctccctcc	accatcacag	ttgccctctg	cacgggagcg	caggangaac	aaatggaaag	240
gactagacat	tgatagcagt	cgtncctaag	tagcaccaga	tggtctctct	ctaaaatcta	300
tatccagtgt	aaatgttgat	gagcttagag	tgagaaaatg	aggaacgaat	gcgaagactg	360
aatgaatntc	acaataaacc	tattaataca	gatgatgaga	gttcactggg	tgaccctgat	420
gacatcatga	aacacatagg	ggatgacgga	tcaaaactctg	tagc		464

<210> 4009

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4009

tttgaaacct	ttgatacaag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagatg	cctagtggtc	tctgagtgtg	ggattcctga	acctgctgat	ttgcattttca	120
cctgtagttc	tacagtaaaa	aatgatttta	tataactttt	ggtatataag	tctcaaaaag	180
tgtgagtcag	aagagatgaa	acattatatt	taaaattttc	tatcaaagct	tctaatacaa	240
cgttgctaga	gccatggctt	ggaaataaat	caggaaaaaa	ccctcaaata	cagaatcagt	300
tgtgttaatg	cactagaact	tgcttctctg	tttaaagcca	taattaatca	tttaaagtct	360
ggataaaaac	catgtgtttt	gtcttttaga	aagggtgttg	gtggacttca	aggttttagat	420
ctgtgctgtc	ccatacagca	gccactagtc	actagcgggc	ctggctattg	agcacgtaat	480
atgtggctat	tgagatgtgc	tctaattatc	aaatacacac	caggattcaa	agacctanta	540
caaaaaaaga	atataaaaata	tctcaaaaat	attattgtat	tgattacatt	ttaaatagata	600
atggttggga	catattgggt	taataaaaaca	catctctnaa	taaacttttt	aaaaaaaact	660
tttcaaaatg	catctatgaa	aacatttgaa	antatatatt	atggcttctg	cttacgactt	720
ggatcatgtt	tatgttgggc	cacatagttt	aaatcnttta	tatctn		766

<210> 4010

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4010

ttgaancnnt	ttannccctt	ttgaaanctt	tatacaagct	acttggttctt	tttgcaggat	60
cccatcgatt	cgaattcggc	acgagaagac	acttcctctc	cggaaagcca	gtcatattca	120
tcccagcgtc	tttcttggtg	tctgtgcatg	gataaagcct	ccccattccc	ccgtgcccc	180
caccactttg	tgctctttca	ctttgcttca	cttatgtgcc	caccactcca	gggctccctg	240
aggctccagga	attccatgcc	attccctttc	acatggctga	gagccccage	cctgtggatg	300
agctgtcctg	agtgggcact	cagtaatgtg	ggcgtaactg	aaccaagctg	aagaggggaag	360
gagcaaaaaa	caaccagaag	ccctcagatt	cagagtcatg	tcgttaaaca	ctttttaaaa	420
taaaaaatta	gctgtgcaaa	ctgaaatcaa	tttaaactat	tttctttgac	taggcaggaa	480
agaggaggct	gctacatatt	aagaactccc	acttaagcca	aaccttcctg	tttccaatct	540
ccaagcaggc	attgaggggc	tctgggctgc	gtgtgggaga	gccaggaaga	aagaagagta	600
ggccctgcct	ttaaggctct	tcctgcctaa	agcaatctat	aggcagctgt	gttctaacaa	660
aaacttttat	ttataaaaaca	ngcagccagc	cagcctgcct	atgggcagta	gtttgccaac	720
ctgtgctgta	aattaaaaga	agcttaagag	atctgtcaga	tagtgataat	gtatgcacat	780
tatt						784

<210> 4011

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4011

```

tttnannnnnt ttannnnnnt ttgaaanctt tatacaagct acttggttctt tttgcaggat      60
cccatcgatt cgctcagcca ccgtctcctt acctgactcc tctgggaaag agtttcccta      120
ggttaagcca tacagggata gggtaggaga tgccatttgg atctaggagc agagggcaga      180
gcctcagcag gaagagtgtc tctttgagaa ggagacacag tggagcaggt gtgtaggttc      240
acagggccag ctatgggtag agtcgggtgt acatttttag aagccacaat tcccaaaaat      300
ctcctgacta taacatcagt gcacagagcc agtcaaattgg aggaggagtg ggtccaggca      360
attcaggaag aaggaaagta acaaattgagt gggtgcagga ggacactttt tctgtcgagg      420
tcactaaaca aaacattgtc tctctccctt aaattcagaa acaatggagg gtaaaagtgt      480
cgcttgggcc ctgggggcaa agacggtaga taacttctct gtcgtgttct ccagaagggc      540
ccaacaatta caaggttcta cggttctaaa ttccaatcta gtcttccaca tcattttgaa      600
ggtataatat tacttgtcaa agtgggatga tagaagatat gtgtggacat aaattgttgt      660
caagggaaaa aacttaaata agaaaataag agaaaaaatn tntgtatgta cagtggttac      720
tagaaatatg cctttttaat atttggcatg tggatttgtg cctcatcntc actcagtng      780
a                                                                                   781

```

<210> 4012

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4012

```

tganccnttt gaanccnttt tgaatntcnt tacanttget acttggttctt tttgcaggat      60
cccatcgatt cgaattcggc acgagattca aagtacattt gacaaccac tgcaagttgt      120
ggcatacatg ggtgccatga accatgacac caactacagc tttcaggttc aatgtggctt      180
aattgtgggt ggcctacaaa gatggatcac ctgcccaccc acatttcatg gatgcagagc      240
tctgttccca gtactggacc aagtggcttc ttcgactaga agaataatag gaaaagaaaa      300
agaaccagaa tattcagaaa ccagaatatt cagaataggg agcaagttgc tatttgaggaa      360
cattcagcac cttctcacag tttgggaaca tatattgctg tttactccag tgtaaaaaatg      420
aggtgccact ggatctgagt gctacacgaa cacaagtaga agtattaatt tgttgaaatg      480
tgttgttacc aaaaagactg aaaagcccca aagtctagat ataaagacct agacttcggc      540
acgcgaaatc ccactatgct acctcttatt tacctgaaag gaggacacgc aggatgggca      600
gtcatgctgg tgactcttgt actcccttga gggacattgg tggggggggg gcgtgggtccc      660
angcaggatg cccantcttt gactganatt ggaangcant gangnttgag ggtgccaaaa      720
attnccang gttcaccag anggggangg gctacatgcc ccantgtgt gcangggagg      780
acacn                                                                                   785

```

<210> 4013

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4013

```

acctttaaac ancttntgaa ntncctgcac gatcccatcg attctanttc nntnccgagg      60

```

```

cagccnccan cncganttnng gcacnagctc nanagetgct gcttttcccn tgcenganaa 120
cnttnanttt agtcctggat tctgtcacan aacatntnan ctgcctttnt cectnnggag 180
aattganntg gnaacctact tnagnggcat gaaaaaacct agacntctcn gaannanaa 240
ccaatnngcc cttattgaga ntactgatng atngtannac canagggaca cccgngnatc 300
aatacatacn ggctgntctt gcctntttca aggggtgggcc aaacgnccat nctanggntc 360
ggatcantat gggtntgccc aagcgatcag aacncgagcc atttgcttag ctgcgggaat 420
gaacanggnt cttgganacn ggcatctata tacacccctt ttctttttnc cccttgatng 480
gaagcttctc tganatgaca ctctcaaaga tnggttctgn agtgacttat tgccaaagca 540
ccacttnncc tngttgagtt taaganganc acatttgggc taaggggcct ntgnttngat 600
gtaaagtgat ctctnngngg tctacatttt tcntaaataa tnccttatga tccaccatga 660
gtntgaatac tttgcttggg acatangctg ccnatcattg cctggaagct gccacaagta 720
cngnagtccc tggggcaaat agcttcaaatt tttttgnact ctcaagccca tgtcacatan 780
tt 782

```

<210> 4014

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4014

```

gnaacctaga aacaagctat ttgacttctn gancnttcna acaagctact tgttcttttt 60
gcaggatccc atcgattcga attcggcacg agcagagatc tgcaaattac agcccacatg 120
ccagctgctt gttttttgtaa ataattgttt accggaatcc accactccca cttgtttaca 180
tatcatccct ggctgctttt atgctacant gaagtgggag gggttgagta gttgaaacaa 240
agaccttatt gcttgcaaag tctgaaataa acacactcac acacactgat ttatgtatag 300
aatatgtata caaatatata ttttatttat ctattttttt gagattgagt ctgcttggtt 360
gctctgncgc ccaagtggga gtgcggaggg aagatccttg ctcactgcaa cctctgcctc 420
ccaggttcaa gtgattctct tgtctcaacc tcccaagtag ctgggattac aggcacatgc 480
cgccatgccc agctaattnt tgnattttta gtagagatga ggttttgcca tgttggccag 540
gctggtctca aactcctgac ttttagtgat ccgcctgcct ctgcattcca aagtgatggg 600
attatangcg tgagccactg tgcccggcct acaaatatat nttttacagc acatntcaat 660
tnctattaac tgcattttca aatgttcagn aggcacccac tgggctttgt atcgggntgt 720
actgggcca cacaatcta aaatngctgn atccttggn cctcctacct cctggtacct 780
tatnagaata agcn 794

```

<210> 4015

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4015

```

tttgaanct ttatacagct acttgetttt tgaagacctt ncanacaagc tacttgttct 60
ttttgcagga tcccatcgat tcgaattcgg cagcagagaa gatgaccgag agactcttgt 120
cagccaatgc agggacacac tctgtgttac caagaactgg ctgtctgcag atactaaaga 180
agagcgggat ctctggatgc aaaaactcaa tcaagttctt gttgatattc gcctctggca 240
acctgatgct tgctacaaac ctattggaaa gccttaaacc gggaaatttc catgctatct 300

```

agagggttttt	gatgtcatct	taagaaacac	acttaagagc	atcagattta	ctgattgcat	360
tttatgcttt	aagtacgaaa	gggtttgtgc	caatattcac	tacntattat	gcagtattta	420
tatcttttgt	atgtaaaact	ttaactgatt	tctgtcatte	atcaatgagt	agaagtaaat	480
acattatagn	tgattttgct	aaatcttaat	ttaaaagcct	cattttccta	gaaatctaata	540
tattcagtta	ttcatgacaa	tattttttta	aaagtaagaa	attctgagtt	gtcttcttgg	600
agctgtaggt	cttgaagcag	caacgtcttt	caggggttgg	agacagaacc	cattctccaa	660
tctcagtagt	tttttcgaaa	ggctgtgata	atcttattgat	ccgtgatatg	acttggtact	720
agggtactga	aaaaaatgtc	taagcctttc	agaaacattt	ttagtaatga	ggatgagaac	780
tttttc						786

<210> 4016

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4016

ttttgaacn	ttanacance	tcttgnnttg	aaaacctaga	nacaagctac	ttgttctttt	60
tgcagggatc	ccatcgattc	gaattcggca	cgagaggacc	tccagttaaa	tttgaatttc	120
agatgcctat	gaatagtttt	cagtataagt	atgtcccatg	caatacttgg	gatacgattg	180
tgctgaagtg	gttttcattg	tttgtctgaa	cttcaaattt	aactggacat	cctgtatttt	240
tatttgctgt	cttgcaactt	ggttctgaga	gagagaccgg	agttcttccc	attcacactg	300
tgtgttgggc	agggcatttg	ggccacttga	tggttggttag	gtaggttctc	atcttgagaa	360
accaaatttc	tgattcccag	ctctgtgccg	gtactgtgcc	tttttccact	caagatctta	420
aaactttgcc	taggaagaga	agggtcggga	aatggtggga	tggggacttg	agtgttaatt	480
tctgagtctt	cttctcgggg	tggattgctt	ctgtgccatg	gtctttgttt	ccggtttag	540
gtgctgaccc	catatgctgt	ctcgactgca	atgacaaagt	atctaaatac	aaatgtgata	600
accaagactg	ctgatgagtt	tgcaaaaagt	cattgaatta	tgtcacaatt	ggaggtgaaa	660
cctgtggctg	ccttgcccat	gaaatcttgg	cgggctttct	gancctgatc	ccngcctggg	720
ccttctacag	cgggtgccttt	caaaagctgn	tcctgaccac	tatgtggcat	acctgaactc	780
ant						783

<210> 4017

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4017

ttgaaccntn	nnnncttttg	aatttgaaac	cttnaaacag	ctacttggtc	tttttgcagg	60
atcccatcga	ttcgaattcg	gcacgagggt	aacttctctg	anagngttcc	ttgtaaggct	120
cttatgaaca	gtcgccatat	atatatagtt	gatgggcnng	gaagatctgg	gangtnagca	180
nnaagagcct	ttagttccgc	cncatagaac	aaantagagg	tcacagggtc	natgccctga	240
gatatggaat	tgaaatntta	gacttcaggg	tcatagactc	ttggaaggaa	nactagagta	300
cattcntgac	cctcncctt	aattncttna	caggngngaa	aaccangagc	tncnghaaaat	360
nngttattcc	tcancctcag	ggctacctnc	gatctgtggt	tgetctgacg	aatggaattt	420
atcctcacan	attgggtgttc	tnnntgtctt	accacctaata	tanntnnctg	ctacccaaaaa	480
aaaaaaaaa	aaactcgagc	ctttanaact	atagnagctc	ggattacnnc	natccngnca	540

tgatangatn	cattgntgag	nttggacaaa	ccnnanctag	aatgcancga	aaaaaatgct	600
ntatattgcga	aatntgggat	gctnttgctt	tattttgtaac	cattataagc	tgcaataaan	660
aagttanaca	acaacaattg	cnttcatttt	atgtttcaag	ttcaggggga	ggngngggag	720
gttttttaat	ttngcggncg	nggcgcnaa	tgcatgtggg	cccggacca	ncttttgttt	780
ncttta						786

<210> 4018

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4018

nnttactata	naatacaagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggcga	gctgaagtac	acaaagtttc	aaggccngaa	aatgagcact	canaaatgat	120
aacaagagac	aagtagctcc	aggtgctcct	tcagctccaa	ggagagggcg	tggggggtcat	180
cggggtggca	ggggaagatt	tggtattcgg	cgagatgggc	caatgaaatt	tgataaagac	240
tttgactttg	aaagtgcaaa	tgcaacaattc	aacaaggaag	anattgacag	agagtttcat	300
aataaactta	aattaaaaga	agataaactt	gagaaacagg	agaagcctgt	aaatggtgaa	360
gataaaggag	ctcaggagt	tgatacccaa	aacagtgaag	gaaatgccga	tgaagaagat	420
ccacttgga	ctaattgcta	ttatgacaaa	actaaatcct	tctttgataa	tatttcttgt	480
gatgacaata	gagaacggag	accaacctgg	gctgaagaaa	gaagattaaa	tgctgaaaca	540
tttggaatcc	cacttcgtcc	aaaccgtggc	cgtgggggat	acagangcag	aggangtctt	600
ggtttccntg	gtggcanaag	gccttggtgg	tggaangt	ggccttctc	tgccctcgan	660
gatttccncg	ntggattcaa	aagaagtcgt	gggggcccgg	agtttgcgga	ttttgaatnt	720
aggaaagaca	acanaagttg	tgcntagtct	acaaacaag			759

<210> 4019

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4019

gaatccnnta	cnatananac	aagctacttg	ttctttttgc	aggatcccat	cgattcgtct	60
ggacataaat	tatttcattc	acaccatctt	nccttcccac	acacacaccc	tgagagcaaac	120
actggcaccg	cntctaacia	ctcaaggctg	tgccccgagg	atgactgctc	cagctntctt	180
acgttctgcc	tganagcctg	ccaagagaat	caactgtttg	atagggccca	tctacangct	240
ttgtganaga	gtnggggect	aattttgtta	anctccannt	tgtaaagcca	nanagcctaa	300
tcgcgtngac	anccnccttc	ctgcttttca	aanattatct	gcttnctga	atactgccta	360
tgccctccctn	ctcctccctt	attctcccta	ctgcagnagt	gantatggat	gaaattatgt	420
ncttcctgta	ttaactcagg	tcancttggn	ttgnntttgg	caccgggnac	aagtgcgtgt	480
gggtctgctt	gnaccactat	tcccccaantg	ccactggtag	cacanatcaa	caaatccttt	540
nctctnagct	catntgttga	gaaattatca	ggagccatgg	gaagaaatta	ctatttttnat	600
catgntagaa	atatatttca	nngtgtnttg	aagagtgtna	ananttgaaa	ntgggaaaag	660
gatttnangc	tgcaacttggg	angcaanatg	atgaacctta	ctatggcact	nnggactnaa	720
agtangatga	gccccantac	tgacccccag	gccngnt			757

<210> 4020
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4020

gaattcctta	cnatananac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
cggcacgaga	ctggcattct	gctgttctca	ggagctccgc	tttgatggat	ggctgggcag	120
cctgtgctgc	atggaccacc	agtggttggt	gaggtggtga	antgtgtccc	cgctaactcc	180
actctgggca	gtnaactgaa	nagggagcaa	agcccatgaa	atgggccttt	gtggcagtgg	240
tggaggtaga	gtgaccacaca	acaaacctcc	ccacttgtn	ctnnccattc	agnngntcca	300
gaggcagtga	gcttggaatc	ttaacangag	agatcttggg	gtgggggtgtg	gactttccac	360
aaaggcatta	cctacatgca	cgttccctta	cacatgtagc	cttccaatct	catacntaan	420
ancacttatt	taagtnaaat	atgcctatct	caacagcaag	aactntggnn	tggggagtaa	480
agatnttntt	anttnactat	ttagtattaa	ctgagtaaac	atttaaaaag	gactggatgg	540
gggtgggcac	atggggctgg	ggtgcatttg	ctntngctct	acatttatga	aagaccncaa	600
atncattatg	tgacattttt	tgnaaacaag	ggtatatata	ctacancaga	tacacaggng	660
ctagaanaaa	agtncatcat	aaaacttcac	actnggggtt	gtattacaaa	accacatagc	720
ttcatnngga	nttatgatgt	cnggaaaaat	tattananct	tgtnt		765

<210> 4021
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4021

ttnanncett	ttnaannccn	ttttnanttc	cttactatan	aatacaagct	acttgttctt	60
tttgcaggat	cccatcgatt	cgaattttgc	catcttttat	caggctttct	gtgtcgagga	120
cgctacccac	atagagtaga	agctaaagg	aagggatgtg	aagtgcctc	accctcagct	180
tctantcat	ggtgtcaagg	cttgtgtgat	cttagacacn	tctgcctctt	ctgagcctgt	240
ttcttcatct	gtnaaacang	gatgggaggt	tgtggtnaan	attccacagc	aacactgcac	300
acgcatnaan	tacctnggcc	agggatgact	cggcngacct	cattttccct	ctgcctcctg	360
cctanagctg	ttagcaagca	tccatcatgc	ggntcacaca	agagctcccc	cnggaggtta	420
cagaaatgaa	ggcngcagcc	ccagtncttg	ggtagcctgt	ttccccctga	aggaaacaga	480
ctcaatatca	gcaacacaga	gtgaatgacg	ccagggtggc	naacnggcct	ttcctgnagc	540
aaatgcggga	ggcttcatgg	agatgacgtg	ttatgaacan	cactcatctt	acgctgggag	600
cagcacatgc	ccccggcang	gagccagtcc	ctgtcttcaa	atacagtcac	actgnggggtt	660
naacaatgtg	taaatttggg	ggcgatacaa	acattcagtc	cataacaccc	ctataccna	720
acccttaggc	aancactaat	ntacatntta	tctttacaga	tgacctattc	tggacatgtc	780
atatnaatgg						790

<210> 4022
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 4022
gagnnmnttg nancccttnt gaaatctttt aacacaagct acttgttctt tttgcaggat 60
cccatcgatt cgaattcggc acgagggtgt gcggctgtaa tttgagctat tcgggaggct 120
gaggcaggag aatcacttga acccaggaga cgaagggtgc agtgaccga gatcgtagca 180
ctgcactcca tcctgagtga cagagcgaaa ctccatcttg ggggaggaaa aaaaagaaag 240
taatagggag gcaaatacaga atttgtgtgg gagtaccccc tagttctggc tcttgtagt 300
atactcaacc tgtcaggcta ttctgagagc gaaagctcct gctttgggct agtttccatt 360
cagaatgggt tttgataggt atgaactagt ctaagcaca gtatacttct gtgtaagtag 420
catagctcct ctacttggct tcatagcatt ggacattaat agagaaaatg aaaaaggagg 480
gtatgggtacc tgccttgaat agcatttgat ttttaatcct acatttatca gagccccagt 540
ttttaaagt ttttaatagcc agatgtgctg tttgccaggc ttanaagttg gtacttctgt 600
gaatgaaaan gtgtgactga gtcacataaa ctgggtattca gctagcccag tcatcagttt 660
attccatatt caagggaaaa ccaaggctgn ttttcctcct tatactttga agatgatggc 720
atttaaaatc aagtaattgg ggctgggtgt ggtgggccac atgtgaaatc ctaatgcttt 780
g 781

<210> 4023
<211> 779
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(779)
<223> n = A,T,C or G

<400> 4023
gnntatanat acagctactt gttctttttg caggatccca tcgattcgcc cctttgcctt 60
ccaccatgat tataagtttc ctgaggcctc ctgggacatg cggaattgtg actcaattaa 120
acctgttttc tttataaatt acccagtcct cagcagttct ttatagaagt gtgaaaacag 180
actaatacaa tcctgaagca tttcatcaaa gaattgtaac aggagatgaa acatggcttc 240
accagtatga tcctgaagaa aaagcacaat caaagcagtg gctatcaaga ggaggaagtc 300
aaagcaaagc agaccagtca agagcaaagg taatggcaac agttttttta ggataactcaa 360
ggtattttcc ttgttgactt tgtggaggac caaagaatga taacattaat ttgcctattg 420
agagtgtttt gggaaaagta gccaaagctt tagcagaaaa acacctgaga aagcttcacc 480
agacagttct tctccaccgt gacaatgctt ttgtcattgt ctctcatcat caagaacaat 540
tttgtagtag tttcaatggg aaatcttttag gcatccacct gatctggctc cttctgactt 600
ctttttgggt cttaatctta agaaatctgt caangggccc ccagttttct ttaagttaat 660
aatgtaaaaa nggctgnatt ggatgtgggn taaagtcttc cangaacctt aagttctttt 720
angnggtcc tnaaanggct ggggggcatt tttttaccna aaggggncnt tggaaattg 779

<210> 4024
<211> 774
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

<400> 4024

taatcnccttg	gttttcta	atn cntggg	netc gnactttt	ctn cannanc	cnn tgcgntgcga	60
attcggcacg	agcccagccc	tagatactgg	cactactgag	gaggatcggt	taaaaattga	120
tgtaattgac	tgggttggtat	ttgacccagc	gcagagggca	gaagcactga	aacaaggcaa	180
tgcaattatg	agaaaattct	tggcatcaaa	aaagcacgaa	gctgcaaaag	aagtatttgt	240
gaaaattcct	caggattcta	tagcagaaat	ctataatcag	tgcgaggaac	aaggaaatgga	300
aagtccactt	cctgctgaag	atgataatgc	tatccgagaa	catttgtgca	tcagagctta	360
tttggagacc	catgaaacct	ttaatgagtg	gtttaagcat	atgaattcag	ttccacaaaa	420
acctgctttg	atacctcaac	caactttttac	tganaaaagt	gctcatgaac	acaaagaaaa	480
gaaatatgaa	atggattttg	gtatttggaa	agggcatttg	gatgccctaa	ctgctgatgt	540
gaaggagaaa	atgtataacg	tcttgttgtt	tgttgatgga	gggtggatgg	tggatgttag	600
agaggatgcc	aaagaagacc	atgaaagacc	catcaaatgg	gtcttactga	gaaagctttt	660
gtctgccaat	gttgtgtttc	ctgcttcac	gatattgcac	agtacttgtc	aantttcaag	720
gaatgccctt	canttagcag	aatatnggna	ttcctttgag	cgccacaaa	cttg	774

<210> 4025

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4025

gnnttatatat	cagctctt	gt tcttttt	tgca ggatccct	cg attcgaat	tc ggcacgagct	60
catcacactg	ttgtatactt	cgtagctatt	acttctttaa	tccccaagga	cttgtttaac	120
aaagtgttct	tcagtttcta	cttcctagtt	cctttgtgga	actggtaaaa	atttaaaata	180
tcttaacata	atatttttatt	tcaaatagata	aacagtaagg	taaaatgtgg	tttttcttgg	240
acaacttatg	gtagaatgat	gtctagaata	tttagttatg	tcatttaata	ctttttttct	300
ttacaattta	aaaaaaaaatt	tattttattt	tagattcagg	gggtacacgt	gcagggttgt	360
tacatggcta	gattatgtaa	tgccgagggt	tggcctgcta	gcgcagccat	catccaaaagt	420
gaccctagta	cccaataggt	agttttcaac	ctgtgtgcct	cctcttctac	cttctctttt	480
ggaatctcta	gtctattact	tccatcttta	tgttcacatg	tactcattgg	ttagctncca	540
cttacaaatg	agaccatgtg	gtatttggatt	tctggttctg	agttacttct	tttaggatag	600
aggatgaaaa	agagtgtacc	tccacttcat	ccatgtgctg	cnaagacatg	attcattctt	660
ttatgggtga	tattttacct	ttttgcnagg	gganagatta	aattggccan	ntatgaaaaa	720
tgctgnatcc	ctat					734

<210> 4026

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (837)

<223> n = A,T,C or G

<400> 4026

aagtttaaac	ctgctctngt	ctttgcggat	ccctcgattc	gaattcggca	cgaggggggtt	60
gggggtggga	ccctgggatg	ggggggagaag	cagctgtttc	tggagagaga	aggggtcatg	120
gtggccccag	actgtagaga	tttttatgtg	tttggataca	tctgctgtgt	ggaaaaaaaaa	180
aaactacaaa	aaccctaatt	ttgtacatac	tgtattttta	ctattgaact	gtattctagt	240
ggctgttcat	gctccaagac	tttagttacc	gagacatgaa	tactatccat	gtaataagca	300

```

cttgccctgga ataaaaatata aaactgaaat aaacctgcac tgaaacctga aaaaaaaaaa 360
acaaaaannn anaanncnta aaananccca aaaanaanta aaaaaaaaaa ccnnggcct 420
ttaaannttt ngggngccgt ttancttaan cccnnnttn ntannacctt nnttnatttg 480
gggnaaccn cantttaatt nccggnaaaa aatgnnttn ttggnnaant tgggaancct 540
ttngctttnt tngaaccntt ttaagntgc nataananag ttaccnncna nnttgncttn 600
nnttttaagg tttcaagggt ncaaggggga aagggttttg naagggtttt tttaaattnn 660
cnggggcccc cnggggnccc ccaattnnn ttttgggccc cggggnccc ccaagntttt 720
tnnnntcccc ctttttnangn naaaggggt ttnaatttgn nccccctt tgggcnnna 780
aaannnngng gggnnnnntn aancntntt nnnccctng nnnnnnaaaa aaattnc 837

```

<210> 4027

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4027

```

ggnnnnnnnn gnntntaata nncagctact ngttcttttt gcaggatccc tcgattcgct 60
gccatgtcta gtgggctctt ctgggctccg tcttgagttt gtcacacctc ctagggccca 120
gaggagatga tgtgggtattt ctatcactaa aaggagtcca agaccagctt gagtaacatg 180
gtgaaacctt gtctccacta aaaatacaaa atttagccag gcatgatggc gcatgcctgt 240
aatcccagct actcgggagg ccgaggcagg agaatcattt caaccagga ggtggagggt 300
gcagtgacct gagatcgccg tactgcactc cggcctgcgt gacagagcaa gactccgtct 360
caaaaaaaaa aaaacaaaac aggaaaagtc ttagagaaac cttgtgttta ttcagaataa 420
aatgaaatag ttaaaatgtt ttagtgcttt ttattttcaa attacatagt cagtatcttc 480
tctcactatg attcctgttt gtatctttac ccaaaatagg agtacacctt tgtcatttaa 540
ttaattgttt gatataatct tncaaaatat ggtatctggc anaggggggt gngagagagg 600
aagaatagca caaggctttt gtttgggtgc ctgcttgctg gttggatttt gagatccaaa 660
tcaactatth ttggatgaaa tcgtagctaa ttttccctgn aacctntttt ttttttnggt 720
ctctgngecc attggntgct tgggatcagg aaaatgcctt atanttttng gctatttttg 780
catttaa 787

```

<210> 4028

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4028

```

agnntttatn atcagctctt gttctttttt caggatccca tcgattcgaa ttcggcacga 60
ggtttttctc tgttacatca tgctgaatcc tttcccttag ccattagctt ttatgatgtg 120
gtcttcgtag gaaagccacc ctggtgccaa gcctagcttg tggggagggg tatgtgttcc 180
agaaactgct ctttgtgttc ccttcaatga ggaaacaaca tgtgtctact tatgtggcat 240
ccaactgctt ggagctccac acttcccttt cgcgactcag gctctggtgc tgttgccaat 300
ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 360
cagaaggcta gcaattcang tgttaccgct attgctgtgc cttgtgttan gacattgtgt 420
gtgtgcatgg actngcctc caaactcagt agttcctatc taaatatnaa gtatattaca 480
aacctggaag tacagaatct caaccttaca gtctttccct tantcctgtg gccttctaac 540

```

canctgntaa	cgtgttgatt	ccttncaactt	ccccaagtag	gcangcacan	attgtgange	600
ttaaaaagta	atctgggtcc	tntgactcat	tgaattcant	ttgcgcntct	ggctggaaca	660
nntgttgta	cagnttttaa	gaaaattgct	ggntgcccna	taagggtggc	ctgggtgctn	720
gggctgngg	ctn					733

<210> 4029

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4029

gnnttttagat	cagctcttgt	tcttttgag	gatccctcga	ttcgaattcg	gcacgagagg	60
agaaggagaa	agcacatgaa	ggagcaagac	ccatgagagc	catcttcctg	gccgatggca	120
atgtcttcac	cactgggttc	agccgcatga	gcgagcggca	gctggctctc	tggaaatccga	180
aaaatatgca	ggaaccaatt	gctcttcatg	agatggacac	tagcaatggg	gtgttgctgc	240
ctttctatga	ccctgacacc	agcatcattt	acttatgtgg	aaagggtgac	agcagtattc	300
gctattttga	gatcacggat	gaatccccgt	acgtccacta	cctcaacaca	ttcagcagca	360
aggagcctca	gagagggatg	ggttacatgc	ccaagagggg	acttgatgtt	aacaaatgtg	420
agattgccag	attcttcaaa	cttcatgaga	gaaagtgtga	acctattatt	atgactgttc	480
ccaggaagtc	tgaccttttc	caagatgacc	tgtatcctga	cacagcgggg	ccagaggccg	540
cgctggaggc	agaagantgg	ttcgaaggca	agaatgcaga	cccaatcctc	atctncttga	600
acacgggtac	attccangca	aaaacaggga	tctcaangtg	gtcaagaaga	acattcttgg	660
atagcaagcc	cactgcaacc	aagaagtgcg	anctgatcag	catncccaag	aaaaccacag	720
acacgggctg	tgancaaaaa	tgaacttgta	ccgaccatgn			760

<210> 4030

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4030

gnnttttana	tcaagctact	tggtcttttt	gcaggatccc	atcgattcga	atttcggcac	60
gaggctgtac	ggagagtgtc	ggaccgaggg	gagctgggag	cagggtactgc	ctccatcctg	120
agctgccgtc	ctttgaaggg	agaacctggg	gtaggggttcg	aggagcctgg	cgagaactgt	180
gcacctcctc	gggaggagca	gccccctcct	gtgctgcttt	ccccctccct	tcaatatgct	240
ggggcgagga	ccctggcctc	caaagtgcaa	ttccgggacc	ccaaatccca	gcggacgcac	300
caggctcagg	tggcgttcca	ggtgtgtgtg	cgccctggct	cctacacccc	gggacccctc	360
tccgctgcc	ttggagaacc	tcttgaccct	cacttcagtc	cagccgaact	tgagtgggtc	420
actaaggaga	agggggccac	actcctctgt	gccctgctgg	tacgggtgga	atgaggggtg	480
agacaccact	actacaagca	cagtcggggc	gcggggcccat	ggactctgan	tggcgactgc	540
cttcacctca	ttcccgtgac	tcggtggcatg	cncangtgct	ggancttggc	agccgcncan	600
gaacatgtag	gcaggctctt	aaatgtaggt	ggcaagtggc	acaacttcca	tgtccgaggc	660
ccacaattcg	gctgatggaa	gagtcctngg	aacccaantt	cagccctggg	accccttttc	720
atgcntgatt	ngggaacatg	actcctttta	ctncccn			757

<210> 4031

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4031

ttttgttcca	ttcagctctc	gttctttttg	caggatccca	tcgattcggg	ctgctgataa	60
aataatttaac	cccaagaaag	tgaaaactaa	tataaaatta	gaaagaccta	tccaaattag	120
acagtcaatt	ccattaaaat	agaagtggag	aaaaacaatg	ttgggcattg	aggtgtaaat	180
tttgcccaga	tgtataccca	gtgtgaaata	tcttctaata	aaaatatatt	tggctcttat	240
ccctgcacat	gtagaggcat	aaaaattggg	aaacatgtcc	cgctgtgtag	aactttaaaa	300
aaaaggcatt	tttgaaagtg	ttgagtggca	ctgataactg	gtgaancnnn	nntnnnnnnn	360
nnnnanntnn	nnnnnnnnnn	nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
ntnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnntnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	776

<210> 4032
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4032

ngtctaattc	tggetctcgt	tctttntgca	ggatcccatc	gattcgaatt	cggcacgaga	60
ggggccttac	attactttct	tgcagcactg	atggcttntg	nttgaggctg	cacaaattcc	120
tgcattttccc	ttgggttgaa	tggnagggat	gcgggcagtt	ggtgactggg	tgaaccacct	180
gacttgagca	gggctacgac	tctctctgca	aacnaaaccc	agagacatga	acagtgtctga	240
natttctcag	tggtttccca	tgtaggctgc	tttccaaggg	cancaagcat	ggcttnatca	300
ctcacccagt	gcttctgatt	cagcactgtg	atgctcggtt	aanttttaat	gaggttntaa	360
atnttttctg	atgtacgagt	gtttatgcca	acaaagatgc	tgaattgtaa	acaccancaa	420
tctgagtacc	ttcttttgat	tncnntctnc	atattgaata	atccctntat	ntttgtgcgt	480
annatgaaat	tgcattngat	gtatnggttg	anagtagatt	ggtnataact	tncaaggaca	540
ggcaacaatt	tcacgatnna	acttcttaaa	aattntntnn	aacaaatgtn	aaaatggatt	600
nttcttccaa	aaaaccnttt	tccnttttgg	cacataccca	ancaantgac	ccngaaattt	660
aaaagtaatt	taggnacnnc	ganttttagat	gattaagggc	nngtttaacn	tttggacagt	720
ttttgccctt	ttttaaaagg	ctcggantcc	nntnttagnn	aactcgctcc	ccnc	774

<210> 4033
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4033

```

gnnnnnnnntt tnaaancntt gctacttgc cttgcanttt cccatcgatt cgaattcggc      60
acgaggtaaaa catacaataa agctgaaaat tttagtgcact acttatatgc tcatcatcta      120
gattctatcc ttgagtaatc tttttttata aaggatttga tgtaactatt ttataaatga      180
aaaactacac actaaaaacc aaatatgtga tctccagcat cacagaaatg aaataaggat      240
tttttttttaa cttaggtaat attgcttgaa ctgtagtaat tcaaagttag caatttcata      300
ggtagaatttt cccatgtatt actatactgc ttcacatcag ctctattaat aaaagtagaa      360
cagttgcaaaa ggaactttta tgatctgttt tgacaggaca gacaatttaa aaagttgtta      420
ataaaggtttt ttagaattca ctataagcct ttcattgtggc tttagtttag cacatggaga      480
tccgttctgg gacgaaagtt ggaagtattc tcaagaagta aaaaatncca aataatttat      540
aggggcacna gtggtttgaa gtactgggta ggattanaag ngggtcttgg cattgnccan      600
aaaccanact actttgcaca attatncttg aattcctaact catatccact agcctactct      660
cttaaagtac cccagaaacc ttgctcttaa catttaagac aatgggaagg tcttgctttc      720
taaaaatgcc tttattttta tacccttgc caataaatgg aatttnacn      769

```

<210> 4034

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4034

```

cgcaattttt annatnctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
agctcaccaa ttagcactgc caccgcaggt ctgtgaattg catgtgaaaa tagaatttgt      120
ccagaagtgc tcatgcaaat tgtgcaacac aaatgtggcc tccatgtcaa gtctttcac      180
gtgttctgac agactcatgt ctttccagat ttctctgatc ggccgcccc accccttga      240
cagttaccag agctcataag ccaaaggaaa tagttcctgt tgccatgagt actgtgtctg      300
tggtgaggtt tatgagctgc tcttaggggt ggggtttttgc ctgagaaaac aatcagattt      360
cgcttagatc tgcaaganag cagattagga agggaaatata tgcaaatatc tatgttaatg      420
ccccaaacct ataacttggc ctcatgggtg ttgtgtagca nttctcttag agaaaacttt      480
ttttgcattt aatatatatt tcatgnnttt gaaaatctgt gttcatgcaa agaaacctgg      540
aaagcaaaag catnagggtca aatatgaact tggctnntat tcatataatt ggggtatatc      600
atatcttttg tgacatanaa cngtntcttn ataaccatct ttgcttttnc attggaaaaa      660
atncagcttt cctgangagg aatatnttt cantgnncnt nttaaacctt tngannngng      720
tngnngcggn nanggggcc n      741

```

<210> 4035

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4035

```

gnnttnanat acagctcttg ttctttttgc aggatcccat cgattcgcag gactcaagat      60
gactttctaa ggtgatttgg ggatgcagtg tatgcatttt ttactcttt ttgaaaaaaa      120

```

```

tcttttcttc gcctttggag tgtaacattt ggatagtttt attcagccca taataggacc 180
aaagggaagg ggataaaaaa aaattcttta aagtacctca gataaaaagg ttttgtgaag 240
aaaaggactc aaaatcctag gttataccaa gactttatgt tcattttgaa ttttctttat 300
tcattttttt cctctctgtg tatagaataa tcaggagata ttggtgggca gaactgttgg 360
ttgataacag gaagcagagt atctgagaaa ggccctcatc ctgtttcctt ttggagctac 420
tgaggcctca catgccagcc attttaggat ttgatgaagg ctagagaaga gttaaactga 480
gccttcactt actcagcatc agtaggaagt agtggtggct acactaaaaa caccgttgtg 540
ccagtgagga tttgggggga aaatgacaag ctgcctgtga taaacaagca aactgtgaca 600
aactttttga tgtgtaggtt ctgaagcttt tcaagtttac cgtcctcaaa agaatatatta 660
tatatatata tatgccccac atgcccata nngcattata tacctttnga tntacctgga 720
aaganaaaan gatgaaatgg ccngtaaaaa ttgganattt ccagggaacc cgatc 775

```

<210> 4036

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4036

```

ngnnttttaa tatacaggct cttgttcttt ttgcaggatc ccatcgattc gaattcggca 60
cgagcttttag gttcttgatt atgtcactgt aataaagcaa ccaatggacc tttcatctgt 120
aatcagtaaa attgatctac acaagtatct gactgtgaaa gactatttga gagatattga 180
tctaactctgt agtaatgcct tagaatacaa tccagataga gatcctggag atcgtcttat 240
taggcataga gcctgtgctt taagagatac tgcctatgcc ataattaaag aagaacttga 300
tgaagacttt gagcagctct gtgaagaaat tcaggaatct agaaagaaaa gaggttgnag 360
ctcctccaaa tatgccccgt cttactacca tgtgatgcca aancaaaatt ccactcttgt 420
tggtgataaa agatcagacc cagagcagaa tgaaaagctn aagacaccga gtactcctgt 480
ggcttgacgc actcctgctn agttgaagag gaaaattcgc aaaaagtcaa actgggtctta 540
ggcaccataa aaaagcgaag gaagatttcc angcaaagga tgatagccag aatgccatag 600
atcacaanaa ttgaaaagtg atccagagga aactnaagga cncaagtgtg gatcataatg 660
aggacccgga aacnccagga aagtcttcng gngggaagaa aattgaaaaa ccngccaaat 720
gccttttgaa agccaaactg ggaattgaga aataattcaa atncttgaa atttaggagn 782
aa

```

<210> 4037

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4037

```

aanngtttga anaccnngct acttgttctt tttgcaggat cccatcgatt cgaattcggc 60
acgagggttc ataaacacat ggctaacaaa gtaaagcctt caagtctggc acagactctt 120
gactacacga tgggaaaagg gattccaatt acgatttaac ttgtatttta aagatgagaa 180
aagaaatgaa taagaaaatt tggtgctatt tttcttcttc caaattagaa tctatatctc 240
taaaaatact ttgcatgttt agtaaacatc catcttgaa agagataacc ttgacatcag 300
ttctatttaa tacttatggc aattaagaga tttagaaagc agaggaaaag accaaaaaaa 360
agtatgtgtt acaaagtgtc atcatgcttg taggacccca gcattcttga aactaacgca 420

```

cctttaaaaa	gtaatatatta	cactgctgta	aatatttgca	aagtatcaat	gtttaattca	480
cttagaattt	taaggattat	ggatttacta	gcgaaaattc	ccctaaagca	actttcccat	540
atcagtaact	tttatttagg	gaaacaagtt	taatgtcata	atacatgtga	ccttggaatt	600
caatagaatt	ttcgaaacta	gaagtaactc	agaaccgttc	actagatgtg	ttttaaaggg	660
ctnttttgat	actggcctta	acatttgctt	atttgcaaat	taatatgtaa	agaatgggtt	720
ctaaaagtaa	gttttaagga	atgggtattt	cnncaaaaat	gttatttcct	attnc	775

<210> 4038

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4038

ngnnnttttna	gatacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagcccaaac	ctaatttagg	agtaaatatt	ttgtagcaga	tagccagatt	tcagccaate	120
acaggcttcc	agctaacaag	actatgccca	aataaggcaa	atgcctcatc	acatgatgct	180
caaatnaggc	agccacctag	gcnaggccaa	tcaggtaact	tttctacttt	gcttaattgt	240
tcagcctgta	caaatttgct	gcttatgact	gctgagcaga	gctgtctnaa	cctcttctgg	300
tttgagagtgc	tgcttatat	atgaattggt	ccttggtcac	ataaaattgg	ttaaatttaa	360
cttctctaaa	gttttgtatt	aaattgtatg	taaaacattg	gtagcacaat	ttggattcag	420
ataccctaat	attgactatg	ataatgtaaa	taatccttaa	gcagactgat	ttacaaaggc	480
ctgaacaagt	ttgatattct	gaatattcac	ttcttctgat	gaaaaaattg	ccaagacctt	540
ncaattggca	gggaaaaaaa	atgtgtgttg	gttaaataag	ttatgtttta	caaccaagaa	600
catttaccac	aanttaggaa	aactctttac	ctatggccca	nggcacctat	ttttaaacca	660
cacccttttg	gtaccctttt	ttttaaatcc	ctngaaaaaa	attttnttaa	attaaaatat	720
ggccttttta	aatatttaaa	ttggnanttt	taatanntta	angtggnant	tttaaatatt	780
tgcccccttg	gttttttggg	ggaaattaat	tgccngcaat	ttaan		825

<210> 4039

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4039

gnnnnnnnnnn	ngnnnttttn	aatatacagg	ctacttggtc	tttctgcagg	atcccatcga	60
ttcgaggata	tggtgcacta	gtngttcctt	gtgactggaa	tattctctgc	ccaaactttg	120
aaaggctagt	tagttacttc	tcattcattcg	ggcttaggtt	aagtgtttcc	tccttagagt	180
tcttccttga	tttatcttcc	ccccagtcct	aagtgccagt	cacattaatc	tgacatattt	240
ctccatacag	cactcatcac	tgattgatna	aaaatctatt	ttgccatntt	tctctctcac	300
tggaaatatta	tgtgtcatn	aagaagctac	tcgtgtatan	tgntcctgat	cgtctgngct	360
gcataacaga	ttacctgtgt	catataaggt	gcacaataac	tatatgcgnt	gcgtgaatga	420
ncaaagcttc	tctccagctc	nttttcaaat	cttctattcc	atcacgactg	aacccaaaagg	480
aaatgtacta	gacgttctgt	ctggcagcct	tgttccatgc	ttagccttcc	antgattgcc	540
antatctttt	atgatgctgg	gccttngcct	tnaccatggc	tagaatgtta	gantnatgaa	600
cnaananatg	ccattttgat	ccctgctgog	ttcacctnan	tatggngcct	ggcaagcctt	660
taanaacntn	atnactcagt	gnaccaaagt	aatgagtaaa	cgaccttttn	natecttttna	720

aggaantnaa ttngcctgnt tataggnaat ngttggancc naattccaac ttngggccaat 780
 tggaacc 789

<210> 4040

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4040

gnnntttttt	gatacagctc	ttgttctttt	tgcaggatcc	ctcgattcga	attcggcacg	60
aggcagctct	ctgagccaga	gtgtgctcag	acagagtcca	gctggtggaa	agggacttat	120
ggagagaaaa	agaaaagcga	tgtagaaaaa	ttgaaaagag	gtacagaaac	agctggattg	180
gttacagctc	gggtgtttgcc	ttattttgaa	cagggtttga	acagttggcc	acctttgggt	240
gctcaaaact	tggtgattgg	cacaagagta	ggttacagtc	tgtttgcaca	tccatttagg	300
ttgcagttca	ctgtgtacag	agaaaccttt	aggctgaact	taaaacgtgt	aaggagacag	360
ctttctgctt	gatttaacag	taacacgggt	gtgtgttggg	aggtagggag	gtgggggctc	420
tttcttntnt	nannntgnct	ttttnccaaa	cantntngan	gantnagctt	gtnatgnatt	480
tgngcaactg	nttntttntg	tnattntaan	cnngancnnn	cnnnnnactn	atttttnaat	540
ttanaaaaan	tncatnnnnn	nngcnnancc	ttctttttnn	tnctgncnaa	tnnnnngnng	600
nnctnnnnac	nnannatnng	nnntntgnnc	tgntntngnt	ttntttttnn	aananntnnt	660
ntnnggnnnn	nnnnnnnnnt	nctnttttna	anncnnnnnn	nngnnttnnc	nnggnnnnna	720
annnnnnnnn	nnntnnnnnn	nnnnnnnnnn	nt			752

<210> 4041

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4041

gnnttttnnaa	tcagctcttg	ttcttttttg	aggatccctc	gattcgaatt	cggcacgagg	60
tcagcccagc	tcacggccct	ggctgcccac	cagcaggccg	caggggaagg	ggagaagagc	120
aatggcagag	agcaagattt	gccgctggca	gaggcagtag	ggcccaaaac	gccacccggt	180
gtaatcaaat	ctcagcttaa	aactcaagag	gatgaggaag	aaatttctac	tagcccaggt	240
gtttctgagt	ttgtcagtga	tgccttcgat	gcctgtaacc	taaatacagga	agatctaagg	300
aaagaaatgg	agcaactagt	gcttgacaaa	aagcaagagg	agacagccgt	actggaagag	360
gattctgcag	attgggaaaa	agaactgcag	caggaacttc	agaatatatga	agtgggtgaca	420
gaatctgaaa	aacgagatga	aaactgggat	aaggaaatag	agaaaatgct	tcaagaggaa	480
aattagctgt	tcctgaaata	gaagaataat	ccttaacagt	ctgcaaaactg	acattaaatt	540
ctagatgttg	acaattactg	aatcagaagg	catgaaagag	tataatttta	tgaaattcaa	600
aattattctt	ttttcaagtt	gaaacttgcc	tcttctactt	taaaaaagtn	tntngaacca	660
gttacttcta	ataatcagaa	aggagatggt	ttatnggaca	tttctttaat	ataaagttag	720
agatgtcttc	ttagcagtat	ggctatcttt	tgccacagaa	cata		764

<210> 4042

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4042

gmnntttttat	agatacagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggttttta	tacattttat	gttcttttga	aaactggagc	cccagaaaga	atacaaagt	120
agcttctgtt	cccacttctc	ccagaatagc	ctaggatggg	caaccatgta	aaattcaata	180
aaaatccaac	cttctaacta	actcgtgggtg	ttggagagta	ttaagcattt	gaaaagttca	240
ggtagaattt	tcatectttt	tgagctcttt	cctagctgct	ttgctgtgat	atatctgtca	300
ctccagatga	gggagtagtg	gtggaaaagg	aatgcattct	cagattcatt	gttggtagtt	360
caaaagaaaa	taagtaaacc	ttattcattc	tctgaagtac	ttccaccac	tactacaact	420
gatccaagaa	aacaatttcc	cattggatgg	tattattcag	agtgttatta	acaatcagtc	480
ctgaattttt	cagaatagta	ctaaagttgt	cttttttttt	aatgggttcc	tttcttcaag	540
gttatagtaa	agctttttta	taaccttcaa	agaatacaaa	gtggaatttg	taatttatng	600
gatatacatt	cctagttttac	aggtactatt	taaagctggc	aaatttanat	naagatgcct	660
tccctttaa	ttgccccctt	aaatctatgg	catgtctcac	ttaagagttc	caatttcaga	720
atttcatggc	aacttgggaa	acggcntgan	ggaattt			757

<210> 4043

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4043

nggtnttttna	aaanncgccc	gttcttttgcg	gaccctcgat	tcgaattcgg	cacgagcttg	60
aagtagaatt	ttttttcatt	ccttacactt	ctcagtgagt	ggtaactgta	gttnttgcta	120
tcattttttca	ttttcgtttt	tgcagttgaa	catacttttt	tcactcagag	agttggaggg	180
acttgcccaa	nactgcccaa	tggcaatgag	atttcaacct	caaataaatg	ttctttttta	240
tgcaagatga	ttaaagagtng	gattcancct	aatttaggat	agaataaagc	caaatanntt	300
aggataggtt	ctttgggtgt	catgggtgta	atctaattgc	catgatgcaa	gtggcagagt	360
anagaattag	tgcacagcaa	taattaaagt	gacatattgc	caaaggaagc	ggtnttagcc	420
cattatataa	taccttttaa	aggacagacg	catactcagg	tttattttac	ctgctgagct	480
tctgccttag	aagtttttcag	aattgtgatt	acattgaata	ggaaaaaagt	ctgaactatc	540
agaaaccagt	gccgcaactt	tgacaaacaa	ctgattatta	taataatctg	cctctagcat	600
gagactatnt	taattattat	ttaagctctg	gnngacttca	ttaagcagcc	cagtnaccac	660
cngaaagggt	aaagattatt	aaaatggaaa	ggaatggtta	ccaattnggt	tattaattcc	720
gggaaccctt	aaggcangga	aaaatgggct	ttgaaacccc	aaaaagggtg	gaaggctgca	780
antgaac						787

<210> 4044

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4044

```

ngnnntnttt nnaaatacac gctcgttctn tttgcangat cccatcgatt cgaattcggc      60
acgaggggga aagttttcag ttgtattatn agntggatc tgactatttg ccataactgt      120
attctataca cttgctgaaa acattgaatt aggaataact gaatcatggc tcctaagggga      180
aagacagggg taggttcctg gaagcctctg gtcacaacat tttcaccaac tgatcaatag      240
ataaccttgt tntgtttatg tntgtgttta gagacattta atatatatng ttgacttact      300
aacatcgaac tcatggccaa tagcactata acttacggct gaacaaagct tatcaagtct      360
tttctctata aggcacatcc caccttcttg cacttaggag cactagacgg catttctcag      420
cactatacaa ggggctatct aaaacagaat aatcacccac aaaaagcaca acaattcana      480
aaaannaaaa gcnaaagtct tananaacan aacattgcat aananttnan aatcagnaaa      540
aantngccc tttaaacct taggggncgn ttccanngn ccnancntna tangatccat      600
tggtaanntt gggacaancc ncanttgaag gcnntgaaaa aaagctnntt tngggaaatt      660
tgnnatctnt ngnttaattt ggaacctttt nacncncttt aaccnnttnc cacntccntt      720
gnattnattn nntnttnang gttcangggg aaggttttgg naagtntt      768

```

<210> 4045

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4045

```

ttgtcttttt gcaggatccc atcgattcga attcggcacg agaacatgag ggccctctat      60
gccagaagtg aattcatctc aaaaacatg ttgactctag actggtgcct cctccagcta      120
ctactacccc cattagtcac ctagtaaaaa atgacgacat ttcacacct gcacatgaac      180
cgctttcccc ccatttctta atcatgaatt nctgtgtctt aaattattaa tggctaagac      240
taggtctggc agtaaattnc tntctcctgg atttttggcc caactcgagt atttttgaaa      300
aaccgacaca gtattttagg ggagcccaaa aaccatgatg ggaaaaagaa tgagctgggt      360
gtaaaggaag aggggtggcag agccctctc cagcagtgcct cacagggact tccccagggc      420
accaggcacc atctggagac ggntttggtc acactgggat tgcggggagt cacctagtgg      480
gtggaggggg cagggatgct gctgaacacc caaagtgcac aggatggctg cagtcganca      540
tgtcaganaa agggctctgg cccaaaagcc actcgcgccg gtggctgana caantctgga      600
gcaagggaac cctttgggtc aggnccccan gttttttaag ctaaaacgta aancaggaaac      660
cattcaagcc aagaaggagt tcccaggnac gtttttttnn ttanggaatg gaccctttaa      720
gaaaaattga aaancatnnt taccatggg gttnaacccc catggaaatt tccgggccaa      780
attccaagtn cctn      794

```

<210> 4046

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4046

```

ntgnntttta atactngctc tcgttctttn tgcaggatcc ctcgattcga attcggcacg      60
agactgtgga gagatctcag ttttctatc tgtaattgct catattttga atgctaagtt      120

```

ttcatcaacc	ataattttta	cgtgctctaa	tatgtttctt	cacagattca	tgccatgttc	180
agtttaaaag	agtcctgttc	ttttaataca	ttatctttga	aatgcctctt	actgaggaat	240
gactaaactt	cttctgaaat	gtgctctctg	gattgaagtc	aagagtacat	gttgcaacaa	300
agataatcat	gacttttagt	attaagagac	aattaccaga	ttgagtgcta	cttanaaaaag	360
tttccctccc	tgtgcagaga	ttactggctt	atcaaacaac	ccgccccatg	tgggccatat	420
atnattgaga	taattantnt	ccaactgata	ctaaaaggng	taattgggat	aaattaattt	480
tagcaaagag	tcctgtntcc	aaagaaattg	ggtcattgat	ttggcaatta	ccaaaaagtc	540
agtngtcaaa	tatgaatgat	accgtgggtg	gcagtgaaca	atcaatttac	tnaagggagg	600
ctggccttta	ccttcgctct	tngagacanc	tctagcctgg	aaatcatgcc	tgataggatg	660
tcttntctgn	ganggactga	aaataaagaa	tacctgaaat	ctgggangatt	ttaagagggtg	720
gtgtgaatct	gttnaagaaa	ggtgaggaan				750

<210> 4047

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (824)

<223> n = A,T,C or G

<400> 4047

ccctttnaan	tcctttgttg	tnnannagnt	nggaaactna	agcttcgtaa	aaganaggnt	60
tgggaatnng	gcncggggag	gaagcattca	catatnctag	aatantatga	cttggctatc	120
aacccttgc	cggctgnagc	tcccatnng	ctgtagtcct	gtatgtgcta	tacccaacct	180
anagcacggc	gccatgcctg	gctaatttat	nctcataact	ttctacagag	atgggggtctc	240
actatgttgc	ccatnctggg	cttnaactcc	tgncttcaag	tgatctncng	cctgagcctn	300
ccaaagtgtc	gcgattatan	acttnaancn	atcgacttgg	ctcaaactct	ngttntaatt	360
ggncctttng	tcagaaagaa	tgtgccactc	tgaantttgt	tccnnatatt	gnnttcttna	420
atcacttnna	acctattnta	cannnatntt	natttntctc	tgaaantgct	gggattatnn	480
acatnaccaa	atagtgtctg	gctcaaatat	tcgnttcaat	agnnnctttt	atnncanaag	540
actntgccac	tnnttgatttn	gnntcangng	tgttaagctt	agtancttgc	acttanctgg	600
aacctattat	ncntttnaat	tttacttnna	tnncatcttn	ctaactcnna	tnctnatctn	660
naatnnanct	ttntaatnnc	atctacnnc	ngnttttnna	attttntctga	tnactggnet	720
anttttancc	ggnnnttnta	aataacgnnc	nnaccnanat	ntntangcat	nnactcttcc	780
cntgtanttt	tctncnaata	aatntnncgg	naanatacnn	nacc		824

<210> 4048

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4048

ttctaattgct	tggttctaat	ncntgggctc	tnganctttc	tgcaggatcc	cntngatnccg	60
tataatctgg	gggtacagag	caagaagaag	tacttttgact	ttgaggagat	tctggccttt	120
gtcaaccacc	actgggagct	cctgcagctt	ggcaagctca	ccagcacccc	agtgcacagat	180
cgaggaccac	atctcctcaa	cgctctgaac	agttataaaa	gccggttcct	ctgcggcaag	240
gagatcaaga	agaagaagtg	catcttccgc	ctgcgcaccc	gcgtcccacc	caaccgcgcca	300
gggaagctgc	tgcttgacaa	aggactgctg	ccaaatgaga	acagcgcttc	ctctgagctg	360
cgtaagagag	gaaagagcaa	gcctggtttg	ttgcctcacg	aattccagca	gcagaaaaagg	420

```

cgagtttata gaagaaaaag atcaaagttt ttgctggaag atgctattct ccgagcttcg      480
caatgccgct aaggacgaca agaagaagaa ggacgctgga aagtcggnca agaaagacaa      540
agaccagtg  aacaaatccg ggggcaaggc caaaaagaag aagtgggtcaa aggcaaagtt      600
cgggacaagc tcaataactt tagtcttggt tgacaaaagc taccctatga taaactcttg      660
taaggaagtt tccaactatt aacttataac cccaacttgt ggtctcttga agagactgga      720
agattcgang cttecttggc caagggcagc cctttaagga ncttccttat taaangann      779

```

<210> 4049

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4049

```

ttccaanngg ctnggttctn atncttggcn annaaaantn ggtnggaatt cggcacgagc      60
tttgcagcct tttcctgccc ttaaatttga tacctttggg taggagctg cataagngac      120
agttgctgnt ttacgttnn cacgcgtgat cttgaccctg ctacgtgaa gtgtatgggt      180
tctcttagcc agttctaatt tttgttcagg tggaagatgg atgcctgaag tgtagactgc      240
tgctagctga ataccatntg ggagcataaa ggtgacctga aggtaggng atagtctta      300
aagcactttg taatgggaat ttttatcacc ttttaaattg gggttccttc tctagttagt      360
tttaatgtca gtaggtagat tcngtantgt tgctctgtct gtagctatta agngagttta      420
ataaatggga tagcctccac agcttatttt tgggaagggt ttgctgatac ttcctgagaa      480
gcccanggaa ataaatacgc atagtctggc attctgcac ttctttaaga tttgtttnta      540
tgtgtangta attgagtttt ttaaaagctt gngaaatcng cangcatatt accaaagtgc      600
ttgattaaaa tggtaatnnc aanaaatntt tngctgtcna attgagtacn tttaatattca      660
nctcttaatg atggncntc ggtgnangga ttttgaaaaa ttccgaatct ttcaccatng      720
aacttaccct aggaattcan tttnganaat tnnncatggg naantcttgn nnggantacc      780
tgaaccataa atttcccngg tcneg                                     805

```

<210> 4050

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4050

```

tccccttttg aaccttgccc aatnagtctn ggttctaate ncttntcnan nagnnaggng      60
ntgggaattc ggcacgagta ttagtgataa gtatatatgg acatcttttg gaacaaagat      120
aactaacaaa agacaagaat tttcaagaag gaaaacaaag aaaaaaagggt aatcagggta      180
tgttacatag nttanctgct tatagttntt ctttggttct gctcatggaa acacaatgac      240
tatcaatcta agtaagacta taatatatta gaaggatggg tgatgagaag tgtgaagtgt      300
tgcaaaggta aatccttata ttcgcgtatg aagtatcaat aagcaatgcc caaaaaaatg      360
aactattaag aagtaactgt aaagttatat catttanaga tagagtggag tatagcaaat      420
gaatcagcta aaatatnttn aaaatgggta cctctctggg agtggaagat acatgtatgt      480
attgnnggtg ggggatgcac tgcaatgaga tttctttttt ttaatecttg tgggtactact      540
tagntctcta aactatttgc atctataact ttgctaaaaa taacntttta atttncaaat      600
tgatcactct tgnatcagt tcaaatngaa acaaggagat aacataattg ctaagnttat      660
ttttggcata ttnatcacnt tgtatatgtt tcantgagaa taccatgtta cattcctctc      720

```

aagcangtnc ttcttaaagt cnaaattgct gnattatttc tcaaaaacna ttntnngnant 780
ncactttng 789

<210> 4051

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4051

gcgtccccc	tttgaaactc	ttcaaattccc	ttgggtttnaa	nccctttncg	caggatccca	60
tcgattcgaa	ttcggcacga	gatttgcctt	aatcttgggt	tactagtaat	gctatctgcg	120
ctgtgctgt	aaagcctcca	gaaagattgc	tcaggcatgg	cctaatagct	tttatcagtt	180
cactcagtg	ctcttacact	ttgatacctg	aaacctagag	ttaactgtgt	aggaccaagc	240
tcttctgaag	gagtcaactg	ctctcctctg	tcaataatgg	ctgtttatgc	caaaacagcc	300
aagagaacct	ccccaccccc	ttccctctgt	caaagtgaag	tggaacctaa	gaatggaagc	360
tagtggctat	tttgccatac	cccaaccaac	ttgctattgc	ttaattccat	ctaattatca	420
gctgggcgtc	gtggctcatg	cctgtaatcc	catcactttg	gtaggccgag	gcaggaggat	480
cactagaggt	caggagtttg	agaacagcct	ggccaacatg	gtgaaacct	gtctctaata	540
aagataaaaa	aattagctgg	gtatagtgat	gggtgcctat	aatcccagct	actgggaggg	600
tgangcagga	gagttgcttg	aacttgggag	gcagcagttg	cagtgcagctg	agattgtgcc	660
cctgcactca	aagtctgggc	gacagantga	gactctatct	taaaaaaaaa	aaaannaaaa	720
aaaactcgac	ctntagaact	atagtggagt	cgtattacgt	agatccnact	gataggatcc	780
attgg						785

<210> 4052

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4052

agtctccctt	ttaanccctt	caaatccctt	ggttcangcc	tttacgcagg	atcccatcga	60
ttcgaattcg	gcacgagctt	gagagaatag	atctagatgg	gtggggcacg	gttctgggga	120
atggaagggc	caaagaggaa	agtgggcaat	gggtgggttg	agaacgcagc	ttctggactc	180
agcaggcctg	ggttcaaact	ctgttaatca	ctcctgttaa	tcccagcgct	ttgggaagcc	240
aaggagggag	gatcacttga	ggccaggagt	tcaagaccag	cctgggcaac	ataatgagat	300
tccatctcta	caaaaaataa	aaacaattag	ccagggtgtg	tggtgcacac	ctgtagttcc	360
aggtacttgg	aaggctgang	caggagaatt	gcttgagcct	gngagtagtg	agtcagtagt	420
gcagtggcac	gatcatggct	cacttgcagc	cttgacttct	naggcttagg	tgacccccca	480
acctcatcct	cccagggtgg	tgaaactaca	ggcacatgcc	accatgcccc	agctgatttt	540
tttgtagaga	cagggttcca	ccatgttgcc	aagctagtct	acaaaagcat	ctganttttg	600
gaagtacatg	gaatttggtg	taacaaaant	atnttgaatg	gaaatggctc	tcantgtatt	660
tntggaattt	tccattaaat	aatttggcct	ttttccttga	aaaaacatan	nnctnctttn	720
tnntntnnat	acttnccctt	tnnttantat	tatanaatnt	cnttcnagcc	ctttnncaan	780
ttntcntgga	nttnnttatt	ncattttatc	cct			813

<210> 4053

<211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4053

tttgaaatcc	ctggtttcaa	ntccttgccg	aggatccctc	gattcgaatt	cggcacgagg	60
cgtccttcag	atatcaaatt	caagcctcta	aataagacca	aggagtatac	agcctgtgaa	120
ctgatgaaca	tatacaagac	tgacaatcac	ctgaaacatt	atttacatat	cattgaaaac	180
aaacccctgt	atccagttat	ctatgatagc	aatgggtgctg	tcctttcaat	gcctcccatc	240
atcaatgggg	atcattccag	aataacagta	aataactagaa	atatttttat	tgaatgcacg	300
ggaactgact	ttactaaggc	aaaaatagtt	cttgatatta	ttgtcaccat	gttcagtga	360
tattgtgaga	atcaattttac	ggtcgaagct	gctgaagtgg	tttttcctaa	tggaaaatca	420
catacctttc	cagaattagc	ttaccgaaag	gagatgggtga	gagctgacct	aattaacaaa	480
aaagttggaa	tcagagaaac	tccagaaaat	cttgccaaac	ttctgaccag	gatgtattta	540
aaatcagaag	tcataggtga	tgggaatcag	attgagattg	aaatccctnc	aaccagagct	600
gacattatcc	atgcatgtga	tattgnagaa	natgcagcta	ttgcttatgg	atntaacaac	660
attcagatga	ctcttcccga	aaactttcac	cattagctta	atcaatttcc	tcttaataag	720
ctcactgaac	ttnttcgaca	tgaccatggg	cannccgttg	gcttcacttg	aaccactt	778

<210> 4054
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4054

agtctatanc	agctctgttc	tttttgcagg	atccatcgat	tcganttgng	nacnangttn	60
gtgcttnacc	actgcttact	canggcccg	netttgccc	catttntgca	nacnnaacc	120
ctancccgag	agcctctggc	agacttaana	gcctgctgnc	ctcaccagng	nncnecatn	180
gccggnctga	gancnagtgn	ngagtcacag	netcagncan	aatgccnaac	gcctcnanct	240
gntcctgacn	gntnccnagg	ggacaccata	tagccttagt	catgnntcat	atgcccggan	300
gaatcttccc	ccaganggga	ctatcctagn	cnacnagatt	tgtgtcnaaa	tntctgcttg	360
ntgttngaac	ctncanacna	tatggnanng	acacactatg	gaagtctgga	attncatgga	420
natttnatga	tatgaantaa	ntgtgtangc	tcctggcata	gcaatgntgt	nttacttcgg	480
agntnaanng	annctggacg	ttgcngaent	gntccntaat	ncaangcacc	ctnatggang	540
atagcnggac	atnctgggct	tgnnnatnga	tcctgntgaa	gcaannctgc	gntgtgatta	600
ttaccctgng	gctggngncc	accagcactg	gctaagtctn	tacggctnna	gtntctttgt	660
cagnntattn	aatggntatg	taaactttna	gaattaaant	gggnnctntt	gngnnngant	720
annttaacct	tacntnttcc	ctat				744

<210> 4055
 <211> 1017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4055

```

gttncttcca tcagctcttg ttcttttttg aggatccctc gattcgcttt tttatagtga      60
tcacttttga attgtgttca gatatgcagt ttcaggtgta atcatcagag ctgggttagtc      120
aggcattcca gatagtgggt ctttttcagaa ccttttttaa aggggttggtt aactacctca      180
gtagcagagg attgaactat accctgtctg tactgtacat agaaaatctt tgtagataaa      240
agcaaggctt gntnaatatg atatgagggt aagatttttn atanaccnan tgtaacnttc      300
ttagnccctt tagtttcaag aggcttgcac acttnttnat naccantatn acacgcctng      360
nntttntcnn annnnnctnc tgcacacaca nacctntnt tntctgtatt tctgntncca      420
cannctnnnn ctntctctt acccnnccctn cttnantncc nttnccctcc nntccncccc      480
cccncgacac ttactnctnn cctncnnccct nncctcnncc tnnnnnnnnn nnnntntncc      540
ncncccnnnn nntcnnnact atctnntccc nmctanngtc tnncttncnn tcnantntnt      600
gcntcnnnctn ttctnntttt ttcnntcatn tcncanccnn ctgnnnccctn nncnnnnnnn      660
tnncnnctn tnttnaccnn ngncnctent ctctnnnngn nctntcnntt cntnctcnct      720
cncnnnnntn ngetnnnnat nctnntntat ntentcnnnn ntnnccacnt cncntntcan      780
cntctgttct nntctcann tcatcnntac tcnntntnnt cctnnnnnnt negcnnnnnt      840
ctctctnnan ntccnccant nnnntcnnnn annccncttg atctnccatn nntttctent      900
ncncatgntn ncnntccnnt attctntatn nngnnngntt acctnctntc nnnatenntc      960
nnnttacnnt catncccccc ctgntntccn ntncgnatcn tcnannccnn tntcneg      1017

```

<210> 4056

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4056

```

tntttanana tacagctctt gggtcttttt gcaggatccc atcgattcga attcggcacg      60
agggcagaga atcccttgta gaaagggtgg ggagaatcat aggatattat aactgtaagg      120
aacatgcaag attttccaga ttataccctt gatagaatag ataagttcct taaggctcag      180
atcttgctta agtctgtcca gcctgttaga gacaagtaga acacgaagct ggccctctgga      240
gtctttattg agtactttgt acaattgggtg tagactggga gagccctcct cacttccccct      300
ttcttgtgtc gtaatttcct gtggggcaga acacctcaga ggtttctgtg catcaaaata      360
agatgcagca aagacatgga aaaaggataa cgagacanat tccancanta agtagatnag      420
gttgngtttt ttataaaaaga taacgaggca ttccctccag aaatgtggag cctttgtaga      480
tttcagtgca taaaacccaa ccatgatttc ctgcagtgat cacagagcag agangggaga      540
aagccctttt atcacnaacc ancaggaagt ctctgtaaaa tnggtaagga ttctggttta      600
ntgtgaagaa ccccatTTTT gngtatgttc tgggccctgg gaaggacaga tcatatttga      660
cntcanaata aatgatcagg ccagcatggg gggtactctg aatcctacct tttggaagct      720
taagtggagg attgcttanc ccanant                                747

```

<210> 4057

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4057

ngtatttcaca	agcgctngtt	ctttttgcag	gatcccatcg	attcgtgaaa	atacttatct	60
atagaaacag	tgttgtaaat	aagagagtct	cagattatca	aatgaaactt	attttaatcc	120
atgtaactga	actaataata	ccagctgcag	ttttatcctg	gctgtaagga	ctaccatgat	180
gggaaaaaat	aagaggaac	cttaccctcc	cccacattcc	cacatgacca	gcagcataag	240
ggctccaggt	taccacagta	tccatcattt	gtcttatggc	cacccaagta	cacctgttta	300
catgacttac	tgggcctgtg	tagaaaattgc	agtttgtgat	aggatcccag	tatagaatca	360
cagaaactga	cttttgaaagg	gtaatgtaaa	ggctatttgt	atctaact	tttttaaaaa	420
acagtatgct	tttgttttat	ttattggagt	atatttttga	agtcctgtc	ctctgtcact	480
gctcagagta	attatcatct	ggtttatatt	ttctagagtt	ttttgtgatn	ctataaatta	540
tgtcttttgt	tatgtaaacac	atgtaatttt	tttacaacaa	atgnggntaa	tgctatacca	600
taatctacta	caactttgaa	ngggtttccc	ccgtggttgg	ctactttgga	tctggccttg	660
gtngatattt	tatatnttat	antataggct	ctcgttngtt	aaattccatt	taaccaactt	720
ccntggaaan	ttcccattct	ttgaaatggn	cccattaant	tatttaaatt	antttccctc	780
ttggggagg						788

<210> 4058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4058

gtnagataca	gctctgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagatgag	60
gtgtgangcc	nttnaatccg	aanaagngcn	cnaagantga	gaacgtgatt	gcntgaaatg	120
ttcatccaga	natcttggn	tataggagaa	cagggggaga	ctngattgat	taggttggn	180
atatttgtcc	tatggaccac	ggtaacgggg	nttagcnttc	atagtatgta	accaggantg	240
gnagnnggag	tcatagagta	tnggnnctct	tnatcccagg	agattcccaa	tggggnacgt	300
atctactgnc	cttnnngaga	gaccatgctn	ngctgtctnt	tttanggnna	atcannaatt	360
tagtggtegc	ccctncaatc	ttcattccac	tcatecntac	cctnttgga	ttcttaatgt	420
natttgtggc	cctgtcetta	tcattttaca	agggtaaatt	ntentccaga	tatangaacn	480
tgtttactaa	actttaagcn	cnttaantta	aacatcntta	cctaagaaca	ntcntggtnn	540
caannggagg	tnnacaaggg	gctagcgctn	taaaaccact	ctncttnttt	nccggaagat	600
tgccnntctg	ancttgtaag	ntnangattc	ntgtggacan	gaaganttgt	ggcatnacng	660
tttnacngnt	gggttactan	tgcacntgtc	aactngnngn	gaaatgtcnt	ggatacaang	720
tgtnatgggg	ntgaatttna	acgggaacna	anggtggngg	c		761

<210> 4059

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (804)

<223> n = A,T,C or G

<400> 4059

ggnnnnnttg	tctatagctg	gctctcgtct	ttctgcagga	tcccatcgat	tcgaattcgg	60
cacgagccat	cngtgnctng	cnangggcct	gccccatagg	atggcctcag	caaattttca	120
gtgaactcaa	gttcattgan	ttccaattng	tgaaataaac	tagagggcct	ctctgaactg	180
ccngcctnat	gagaangact	gtgannagta	ncnngnccaa	nacagactga	ctgtgacaaa	240

nctagananc	attacaggtt	tctgagaaag	aangaagggtt	caagttcaca	ttggtactgt	300
gaccacgnca	gctcattgcc	ctcctanacn	gggctctgca	agctttctnt	ttactggagg	360
ctgnactact	ctttnaagct	gnaacagtgt	gattataanc	ccnnantngg	ccccctttga	420
cancatcttt	acaataatgc	tcttggttcc	tcaaccngct	ggtgactctg	aaagctgatg	480
nngacgggnt	gccaaaaantc	atnatatann	cagcctncna	aangcngtga	tctctncatg	540
anctcatgna	nccttaaaacn	cgtgcttgcc	cnttntttta	caccnttaac	aatnttgaca	600
tncacctnna	tgccntntngc	gaantcaaat	ncccgtangt	ccaggcttga	aaangaaaca	660
cccgttntag	gttgggacct	ttccacaagn	tcctnatgcn	ggggnaanaa	caatgnnttc	720
attgnnnnga	naatnctgca	atcccattgg	nttttanttn	gtnccttttc	aaacgcgngc	780
cttttaana	tngttggnaa	cccc				804

<210> 4060

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4060

ttnttcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagcccagc	60
cataatggag	cctgaaatca	ggaattcatg	tttcaagggt	acatgtacaa	atgtatgccc	120
tctcagaaca	atggccattt	tgagaaagcc	agtgagagac	agccagacca	ggtcctctgg	180
cctagcaccc	accagtgcct	gccagctcag	cccaagtctc	ctcacctagg	atagcttgat	240
ggaataacaa	tgtattttta	ttttctgtag	acctaaaact	gctcttaaaa	agtctatttt	300
aaaaatccat	cattaaaaca	cagactttct	ccataataag	aagttggagg	ggctgggcac	360
ggtggctcgc	acctgtaatc	ccagtacttt	gggaggccga	ggcagatgga	tcacgaggtc	420
aggagctcga	gaccatcctg	gccaacatgg	tgaaaccccg	tctctactaa	aaatacaaaa	480
attagctggg	tatggtggcg	cacgcctata	gtcccagcta	tttgggaggc	tgaggcagga	540
gaattgcttg	agcctggaag	gtggaagttg	cantgagccg	agatcgtgcc	actgnacttt	600
tagcctggcg	acaaantgag	actccgtctn	aaaaaaaaaa	aaaaaaactc	gnccttttag	660
actatagnga	gtcgtattcg	tagatccagc	atgataggat	ccttgatgaa	tttggacaac	720
cacacttgat	gccgtgaaaa	aatgcttntt				750

<210> 4061

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4061

anaannngtc	aatgctggct	actcgnctnt	ctgcaggatc	ccatgcgatt	cgcttgaacc	60
tgggaggcan	aggttgtggn	gaantcaaga	tcangccact	gcactccagn	ctgggtgacn	120
ngagcagnga	ctccatctca	agaaanaagt	nantaacnaa	tnnttcgngn	atgtgatgac	180
tgactntagt	cnttatggaa	aataacttcn	ggcagctnag	tanctactgg	tcancaattc	240
cgntgtntaa	gagangtnct	acantcnant	nctcaatatt	ntcagnctga	tttcaatacn	300
gacacgcnac	cactgaaatg	cngaaagatg	gnaatcanag	tgtgatgttn	ntatnnaant	360
ctcgagattc	acatgtaatn	agacccttta	ncttnaatga	tcacnacatn	anaatggnga	420
catgatctta	acttggggaa	atatggantn	tgtatttggn	aattntagnn	tcacanaent	480
atccctatga	ntgngacacn	catgnctgaa	atctaagctt	tanaatattn	nctntgtcag	540

tnaaacagca	tgnttncatg	cnnactgaan	ctaanntccc	aaatnaantg	ntcatttttg	600
gatngnnngn	ancacattgt	naaccaattc	gttgncaact	tntgnntanc	aaatnnnnna	660
ccatanctcn	nntgggnaccn	atggaaggga	tnnnatnnna	ncaanaance	ttngggnccc	720
ntctangnnc	ctnttngtag	angncncaan	ttcccncctcn	tggnccanga	catgggnncnn	780
ggantacccc	ttcattaatt	ttggctnnta	tancctcaan	anttgaatt	ccnnnnncna	840
naaattnnnc	t					851

<210> 4062

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4062

ngnnttnatc	agctcttggt	cttttgcagg	atccctcgat	tcgaattcgg	cacgagcttc	60
cttgtataat	actgatcatt	ctatttttagc	ggtaagaacc	caagaaggag	tatggatacc	120
tgtaaagctt	tctggtcctt	gggaagcctc	tccttctgtg	catattatta	ctgaaattct	180
tcaaaagatt	ctgagatgct	ctcagtgttt	cattgctact	ttaattttta	tcattatggg	240
attgattgct	gtcacagcta	ctgccgcggc	agctggagtt	gctttgcatt	tcacagtaca	300
aacagcagac	tatgtaaata	attggcagaa	aaattctact	ttgctgtgga	attcccaaac	360
taatatggac	cagaaactag	ctaatacaat	caattatctc	caacaaactg	taatgtggct	420
aggagattga	gtagttagtc	tagaatatag	aatgcagtta	caatgtgatt	ggaatacttc	480
tgatttttgc	attactcctc	atctgtataa	tgaaagacag	catgagtggg	aaagagttaa	540
gaaacatttg	aaaggtcata	ctggaaattt	acttttagata	ttatgcaact	gaaggacaaa	600
tattttcaatc	ttctctggca	catctgacac	taatgccagg	aactgaantg	cttgaaggcg	660
cttcaaatgg	attagcagct	attaacccat	taaaatggat	caagacnaaa	naaaaaaaaa	720
aaaactcgan	cctnttaaaa	ctatagnag	tcgtattcgt	aa		762

<210> 4063

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4063

gtttatncag	ctctgttctt	ttgcaggacc	ctcgattcga	attcggcacg	aggtcagagg	60
tcaacaatga	gtatgtggca	ataacaggat	tcaaaaccag	atctgttagc	ttccaaagtc	120
cttggctetta	catgctaccc	actagtccct	tgaggggggc	tccggaccat	ggaggtcaca	180
caccagtgtc	ccgagtgtgg	tcctcacagc	acctgcatca	acatgagggt	gggatttgat	240
taaaagtggg	tttctggggc	caccacatt	ctgaatctaa	agttctgggt	gtggtttttag	300
gaacctgtgc	ttttaacaag	tacccttagt	gatttatata	cttactaaac	acttgagaat	360
cactgatctt	tccagtgtgg	tgtgacttat	agacagtgtt	ggacagaaat	gaaacaaagg	420
agaaagatga	agcacagaca	gaaagagctg	ggaggatgcc	ctgcatgttc	ttatatctgt	480
aaatacgcat	ctcttctcct	ttgtctcagc	ccttgctgtt	taaatctaga	cccttacatt	540
tttcaactat	ttggctccag	cctncccttg	cctgactcct	ggctttgtat	attacctctc	600
tttcttgact	ttcactgcct	tttacaagtt	tgcattttct	gtcatttttt	agaagatcct	660
actaagggcc	aaaggaaaat	acactgtaca	gaaacctaaa	attaagccct	ttagaactat	720
agtgagtcgg	tattacgtag	atccagacat	gataggatt			759

<210> 4064
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4064

gntttnnnca	gctcttgtct	ttttgcagga	tccctcgatt	cgaattcggc	acgagattct	60
cccaaaaagg	ttcatcccgga	gaacactgaa	gaataatttt	tgggaatggt	aatgatgtgc	120
cacaaaatta	gtatttttatg	atcaaatgaa	tttgctttat	aatattttat	ctaaatattc	180
atgctcctga	agactcacia	aataaaggaa	actttatcca	gctttttcca	gaatttactt	240
gcacatagac	tccattttata	tagcatgcct	attgaactct	gtaaatagtg	cagttcagga	300
aagatagcag	tgtgggaaat	gtcactctaa	tggatcatata	cgtttatccc	atgggagggt	360
aaagcatata	ggtgagagga	gagtgatecg	cctgggggaa	tgtaatgaga	aaggattgat	420
ggctgtttca	gttgttgttt	tcctgtccct	ggctgctggc	atgggggcaa	gggggagggt	480
gaggctcagg	tcttagagaa	cagaacattg	catttcactt	cacagtcagc	aaagagaaag	540
ccaggcaagc	accagaaagt	cagtgcacca	gtggagtcac	aaaagactat	taattcttnc	600
cacattgaat	tgtgacacac	aggaagctca	ttacagactg	agtgccttga	gtttttatct	660
ggggctagtc	atgtagggtcc	ctttggctcc	atgcccccca	attccagact	tccagaaaga	720
aagccagaat	tcaaccttaa	ctggcttggt	tggtcnaacc	a		761

<210> 4065
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

<400> 4065

ctcttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaata	cacaattttac	60
atgtcagagg	atggtagagg	aattgtcact	tatgcttcag	tctgacttag	tgaagcagtg	120
gggccgagaa	agcaatcata	tacgcatttg	tctcacatga	gcagaggaac	agagggatga	180
ctttaagtgc	tgtctgtttt	ttgtccacaa	ggaattttct	tgtggggcaa	ttgtgagggtc	240
tttgtagcta	tcttatttta	ggaataaaat	gggaggcagg	tttgcttgat	gtagttccca	300
gcttgacctc	ccttttcctt	agtgattttt	ggttcccaag	atattatttt	ttttcacaga	360
ataaattgtc	tttcagaccc	agagagcatc	acagtcacat	tcagaaagggt	gtccaaatgt	420
aatcacact	ttcacataga	attacagcta	tattaacaaa	ttttttcttc	cattgncttc	480
atttgtaata	tataaaaaaac	ttaagctttt	aaaaaactaa	agttgaatta	tggncttaaa	540
aatgatggtc	aatcttatct	tactggcgag	gatatagacc	atttgnctgg	ataattttta	600
gtaagttgct	atacagtttt	angccttcct	agntattatt	tgggtggggta	nttctcttac	660
tttccctggg	nccagttttt	accattggga	acccccccct	taatngncca	ccntnttttn	720
cccccccan	aaanccann	cnntttaaag	gggggaaaat	ggccccctnat	taannccnng	780
gg						782

<210> 4066
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(576)
 <223> n = A,T,C or G

<400> 4066
 gnntnanntt cantatanat acaagctact tggtcttttt gcaggatccc atcgattcga 60
 attcggcacg aggctggtgt tagggttctt tggttttggg gtttggcaga gatgtgttta 120
 agtgctgtgg ccagaagcgg ggggaggggg tttggtggaa attttttgtt atgatgtctg 180
 tgtggaaagc ggctgtgcag acnttcaatt gttattaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa aaaaanaaaaa aaaaaaaaaa aaacntcggc ntttaaannt ttaggnngtc 300
 gtnttacnta antcngacn tnatannatc cnttgtnaat tttggncaan ccncacctna 360
 atgcatggaa aaaantgctt tatttgnaaa atttgngatn ctatncttta ttngnancct 420
 ttntaanctg caataancaa gttancaaca ncaattgcat tcatttnatg ttccagggttc 480
 aggggnaggt ntgggnaggt ttttaattcg cggccgcggc nccaatgcnt tggncgccgn 540
 ncccantttt gttcccttta ntgagggtta attgcc 576

<210> 4067
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4067
 nngnnnnnnt tttanancag ctctngttct ttttgcagga tcccatcgat tcgaattcgg 60
 cacgagactg aatgggctgt atctggggaa tcaagggtatt aggggtgagc aaaagcaaga 120
 ggaagtagag catttgatct cttttccttt gattagggtg aggacaataa agtctcattc 180
 tctcccttnt tcccatgggc agccttatat atgattgaag aacattantg cananattcc 240
 tcatccnnaa ataaactctn gtacttntat actaattaaa gattcatgtn aattactaan 300
 ttcttgga aa actatggaga actctgtggg ggctgtgnatt cacactttan tatgaattgg 360
 nttaatgacn actgtnatat tggctacata aagaaatgga cgtttttatt tgggggttagg 420
 ggatcacaga tgtggactgg cttaggtaga atgggtccctg agcnaaggag atattgaagn 480
 ttatgaggat gtgcaagata agcagattta cttttgcatt ttattttggg ctatctcagc 540
 ttcttttact agaagctcat gcctataatc ccagcacctt gngaggccaa ggcaggagga 600
 ttgctttgaa gccaggggtt cgagatcann ctgggcacaa anccagaccc tgactntcca 660
 aggangattc aaagatttct gatggngaaa acctcggcct ntaaactatt ggggtcggtt 720
 acggngatcc nganatgata anancatttt ngagtttggc caaacccac n 771

<210> 4068
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

<400> 4068
 ggnnnnnnngn nnnnnncngn ancancactc gnnagnaaag cccttcccan cgactcgaat 60
 tcggcacgag ccacctggt gctctccct ctccctggta ccctgactac caggaagtnt 120
 tgtgctagag cagctggaga agtgaggca gcctgtgctt ccacagatgg ggggtgctgct 180

```

gcaacaaggc tttcaatgtg cccatcttag gtgggagaag ctagatcctg tgcagcagcc 240
tggttaagtc tgaggagggt ccattgctct tcctgctgct gtcccttgct tctcaacggt 300
ggctcgctct acagtctaga gcacatgcag ctaacttggt cctctgctta tgcagaggg 360
ttaaattaac aaccataacc ttcatttgaa gttcaaagggt gtattcagga tcctcaaagc 420
attttaacct tgccgcttaa aacccaattt accgtgaaat ggggaatttg ctgcattgtt 480
aaactgtagt ggaacccatg ctatagtaat aaagggtata taagagagaa attgaaatta 540
aatgtgtttt taaatttcaa aaaaaaatca atcttttagga tgactnaaaa attgatttgc 600
catgtaaaaat gtatctgcat tttttacaca aaacttgntt taaagcataa aaatttataa 660
ctgnnctctt ggatgtatta tacattttga accatatgta ttaaaccata aacagtntaa 720
tggtgggtata ataaaacagg cattaatttn ttaataaaaa aaaaaaaaaa actcggcctt 780
taaactt 787

```

<210> 4069

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4069

```

ngnnntntna tancagctct ngttntttat gcaggatccc atcgattcga attcggcacg 60
aggtccatta caccgccagc agcaatgtct tcctcggcca tggcagtggt tcacgggtgc 120
agcagtgcaa tgtcttcctc agccacgggt gtgggtcatg ggtgcagcag tgcaagacct 180
tcctcagcca tggcagtggt tcacaggtgt agcagtacaa tgcccttcctt ggctatggcg 240
gtgggtcacg gacgcagctg aatcttgaac acacctgagc ctctgcctcc acgtgacttg 300
gcggtagcaa ggaatgaaca cagttatctt ttttaacaaa attttagatc atgatctcgc 360
tgtactcgtt gacagtattc aggtacttgt tgaagaatta atctctgctc ttctctgaag 420
tctgatttaa tcaccccact cagctgccag tgaaattggg ggtcatccat cgcctctcgg 480
atgtggctgg ctgtggctct tctgaaaagt ttctttcttc tgccttggtt ccatatttag 540
ggggaaatca gcaagattct agagtatgta tgtgggctgg gtgcaagtgg ctcatgccta 600
taatnccagc actctgggag gcttaagcgg gtggatcacc cnangccngg aatttggaga 660
acagtgtggg gcaacatant gagaccttgt ctnttccaaa ttaataant taattnnnncn 720
gggaaannnn nnnnnngnnnn ntntnnnnnnn nnnnnnnnnn ntntnnnnnnn nnannnnnnn 780
nnnnnnntna nntanaact 799

```

<210> 4070

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4070

```

ggnnntttta tcagctcttg tttttntgca ggatcccatc gattcgaatt cggcacgagg 60
atatgcttta gaattaagggt gagtggtatt atctctagtt tgagacaaaag agaagcgaag 120
taacaaaagg ccacataagt gataaatagt ggacctggag tttaaacctg ggatccccac 180
ctaaatcaga aatacaaaaat caaccacttt tttgatgatc caggttctat gtatatttat 240
tacatgtatg tatatatgta tatatatatg catgtgtata tatgtacata catacatata 300
gatgtgcttg tactagtgtt tttcccacca gatagttagc ctttcttctc cccttgctca 360
cttttttttt tttttttttg agatgaagtc tcactcttgt ccccagggt agagtggaaat 420

```

```

ggcacgatct cggctcactg taacctccgc ctctggggtt caagtgattc tcttgccctca 480
gcctcccgag tagctgggat tacaggtacc tgccaccacg cctgggctaatt ttttgtatct 540
tcaatagaga caggggtttca ccatgttggc caggatgggc ttgaactcct gcctcagggg 600
gatecccccg cctcgggctc ccaaagtgcg gggattacag gcatgancca ctgnacccac 660
ccaaggggna aaacttttat ttagaaaaaa cttaactttc actcgtaga aaaacgngtt 720
ttgaataatc taatttttaa aaatgcatta actatgtctt atnttggctn acacatttta 780
attgn 785

```

<210> 4071

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4071

```

ttnaaccagc tcttgtcttt gcggatccct cgattcgaat tcggcacgag gaggaagtga 60
gattgtgcat gacatacttc tcctttgtat tctctcagtg ccttacagca ggttactcca 120
ttctgctatg acaacttggt tcaaagtta atttacatag gattttttat aagccattaa 180
ggcatatgta tagtatatca gtaaagatgg atggtgcata tataaatagt cttctgtaat 240
agtgattgga tttacttctc aattatgaga gacaaaaatt atcccctcac ctgtctctat 300
tctttcaaca ggttgatccc ttttcattat ttttcattag gtgggttcagg aagtttccat 360
attacagcgc ttcagactgt atatgttagt ttaaaaaatca cttttctctc tctcaacttc 420
tttctttttt ttttgaagac ttaatttaaa aaatttgggt tgtagatcc gtatcataga 480
tttggcctag cctcttctgt taacctagtc cacagatgag cgaatctggt tagttgaagg 540
acattgtgat ttgactctgg tcacgcgagg aagtagaagg gcaaagacag gaccggcagt 600
ttacatttcc agtggttaaa cctcacggga ctttgggacc tgcttggttaa ctttttgggg 660
gtggtctgga ggccaatcta acctggacca ttttctggnc cctcaacaa gagagaggga 720
aagcaacctt gggccaatga ggagtaaaaa taaccttggg ctttcagaga tttgaagaat 780
agaagaactt ct 792

```

<210> 4072

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 4072

```

tgnnatctat gctggctctc gttcttttgc aggatccctc gattcgaatt cggcacgagc 60
acacttgag ctcatacaaa ctttttccca ggctattgtc tgttcttcaa gccattcac 120
ctcccctaaa aatcatgtat tcttcctcaa aaattgncta ttatcttcca ctccctttc 180
ccccatgaaa agtggtgagg cttattctga gccaatatga gtgaccatgg cctgagaacc 240
caatatgagt gaccatggcc tgagaaccat ctcaagagct ccttcaacag ttgtgactga 300
gcttgctcang ttgcagtttg gttttatata ttctagggag acaggaatta taggtaaaat 360
cataaatcta tatntagaan gtntacattg gttcagccta aaggggtggg atatcttgaa 420
ggcanggtgg aggggatgct tacagatcat angnnaattc aaagattttc tgattggcag 480
ttggntgaaa gagttaagtt ttgtctaaan acttgaagtc antagaaaca aaaatgcttg 540
agtaaagata aggggggtng cgagggccaa ngtttttggg atgttnnatga agcttcatag 600
atcacagnct tnnagagagna tagaagataa atgtctcttt tcagacttta aaaggttcag 660

```

actctcaggt	taatctcttc	tagatccang	aaaagcctcc	aaaagaaaag	gcctgactcc	720
cattaatggg	ggattcttnt	tacaanaatg	caaaatttnc	ccccacaaaa	nnatggcttt	780
tnccagaacc	ccatttcaaa	at				802

<210> 4073

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4073

ntntatnnag	ctcttntctt	tttgcaggat	cccatcgatt	cgaattcggc	acgagactgg	60
ttaaataagcc	cttgatgact	tttcatgtgg	catgagaggg	atatgcttat	aaagcttaat	120
tctgatatta	tcctcttact	acctacagta	tgttttgcaa	aatcagtc	acttagcaaa	180
ctaactctttg	taaagcagtc	agtttcagaa	gatacttttt	atcaaaaaag	atggcagggtt	240
taacattata	ccttttggtt	tttgcaccaac	atttgattta	atctaaagca	agaatataaa	300
ataatttttaa	gaagcatata	atttcttttg	ataaaaaagta	acaaaaat	aatgcagatc	360
aaagaccaag	gcttgtaacc	aaaacaagca	aaaagaaact	ttagctgttt	aactatcacc	420
tctctaattt	aaaatgcatg	aaaattaata	ctttgttttt	gttttttttt	ggaaacagtc	480
tcactctgtc	accaggtc	gaggtcgcag	tgagctgaga	tcctgccact	gactccaacc	540
tgggggtaac	agagcgagac	tctgtcttca	aaaaaaaaaa	aaaggtgtna	tttggaaatg	600
gaaaaatctan	ggtaaaggga	agctttnaaa	aatgttggtta	ttttttttcc	ctggnaaata	660
aaaccttttt	attggaattt	aaatggncct	ttgggnaaaa	aagggaacntc	caccattgga	720
aaaaaggng	ggcctttttt	tatttntttt	tggggtaggg	ggaatnaaaa	aacccccctt	780
tgggccccnt	tttnaaatan	ccccnttngn	cccaaaattt	ggaaaagccc	aatttttttt	840
ttaaaatgga	anggggttta	ccctgggnaa	atttgggttt	taaaann		887

<210> 4074

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (851)

<223> n = A,T,C or G

<400> 4074

ggnnnnnnncg	nnnatattaga	ccagctcttg	ttnttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	agtatttgct	ggtgcattgg	agagtttcac	gtaattcttg	tgcagattca	120
gcaagagagt	ttgccggcat	gctttgcaca	gccccctggta	cccagtaagg	cgattattag	180
cattggtgct	tgctggaatc	agatattcca	gaatattctg	tcacagctca	tcgntgccct	240
cttcttttct	gtgggtaaac	tgaggcagaa	actcaggctg	ggtggaactc	tgcagcctca	300
gctggagacc	tcgtctggcc	aaggactgtg	gggacacagg	ccctntaggc	tgccacctca	360
tgggtcccagc	atgagggcac	cagaactgca	cagaaagtct	cactacccaa	gtgtctgagc	420
caggccagac	tgtgctagcc	agacctgcc	gggggttcatt	cactgacctt	tattgagcac	480
ctactgtatg	cccagcccca	aacctggctc	tgctcatgga	aaagaacttc	agtggaaaca	540
ggtcctggga	tgaacaangg	cctggcctgg	cctggtgatg	ccactatttc	tttaaagagg	600
gagagtggac	aattcccgga	tttattgtca	ggggggagggt	cttcattttc	ttgctggtnn	660
taaccanaaa	taccacaag	acttggggtc	nttttttagaa	aaccatttag	aaaactngan	720
ttttcgtacc	ttgtttctag	aagggttggg	gaaagtcccc	nngaatacaag	ggtggccnag	780
ccagggnntnt	gggttgtcct	gngagggggc	cactanattt	gggnttccaa	agaanggggc	840

ccccctccttt t

851

<210> 4075

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(836)

<223> n = A,T,C or G

<400> 4075

tatncnagct	ctcggttcttt	tgcaggatcc	catcgattcg	tcttgactga	ggttcccatc	60
tttcttantt	ctcttaagga	tgtgctattc	tattctagat	gcataggagg	gaagntaatc	120
cagncttaga	tcancagggc	tgngttcttt	ctcagaacca	taccnaaaa	agcctnanta	180
gaatttttagg	aaagttctat	ttagaaagaa	actaagaatt	atgattaagt	tttggcctaa	240
gcaacttaat	angcagnggt	atcattttatt	gngaagcaaa	tnacataaga	agcangttnt	300
ggggccttggg	aggaggtaag	ggcngaaaagt	tngntattnt	tttttaaacn	tgtntaatnt	360
gagacacctg	ctagatatcc	tantnaaatg	tcatagacac	ntnaatggtn	cacaactttg	420
aaactcagag	agaggtcann	gctggatata	aacagntggg	agtcaancnt	attttatatt	480
atttaaatcc	anaagactgg	atacggcaag	ttnggaggga	gtttcaatgg	anaancaaaa	540
tttttgactc	tgnngcactt	aaacatttaa	agntctgata	aataggagag	ggcccancaa	600
agggaatttt	gaaagaacca	atcattttacg	gtanggagga	aaaaacttag	aagggggata	660
aatatcttca	aaaaatcaaa	aaaatttaatt	ggcntttttc	aaagaaaaat	nnaggnggnt	720
tancccccctg	tggttttaaag	gngnggttaa	agtattcacc	ttggaanaaa	nanggttcaa	780
angggcaaag	aaggcccaan	ngggggccct	ttttttaaag	naaacttttt	tcccn	836

<210> 4076

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 4076

nmntnttttn	antacacgct	ctngttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagcnaagc	tgttttatan	attanggaga	ngagtgagga	gagaggaata	ggatagacna	120
aggtnagat	aggancact	ggagaagaan	acctcanagt	gaggcacagg	aagaggtgtg	180
aangggaaaa	gaagtggcan	atgtnacgga	agagcccctg	nccatgagag	anantggngg	240
gantggnaag	gaagggaagt	tatggggcat	gggncacata	gcacacaaca	cnacagtaag	300
gctagagata	tnaaanaaac	aatgattctg	agctncataa	gtagcnatct	cncgcttaat	360
agacataggg	ngtanctgtg	acatggcgtn	anctacagna	ctggacatna	tcaccttttt	420
ntaggaagg	agggatgcct	gcagnggcct	aactccanca	ngttatcatg	tgctatggaa	480
gtnctgnnca	caatggnggc	cnccantcat	gtgtccaacn	ttaaataagn	ctgtcgtngc	540
tnaggaccta	nmntgnaatc	ttaatttcat	tttaaaaatnt	aaatnttccg	naatggangc	600
tcaaggctng	cttctttttt	ggaaagtgtc	ngaactgaat	tgaaaccggn	ttnnaaaaaa	660
aggattagta	nccctggtn	tttccccttg	tncgggggca	ttaaagtnt	tttaanccct	720
gggaccntc	cccggtnggg	ncccnttnna	aaacncccaa	aatcccattg	gccccatttg	780
natttttttaa	aaacaatttt	tnaangntag	naantntttt	gaaaaaaaaa	tgggaatttg	840
gggggncccn	nt					852

<210> 4077

<211> 897
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(897)
 <223> n = A,T,C or G

<400> 4077

cgnnnnnnnnn	tnnnanggct	ttgccactaa	ctgaaaccct	ttgnacccan	cganncgaat	60
tcggcacgag	gttgaaggta	tgtgtcantt	ttaaccaggt	gttgagttat	ttgatntttc	120
ctncanagat	tattttaatag	tttcaataat	atctaataat	gtgtgggaaa	ccgtaaaatt	180
tttcatacaa	actgggacaa	atgaacatgc	atactattaa	aanactncct	acaatacggc	240
ataaaaanggg	ctttcttagg	ngaaccagga	ggtatagnca	gcctaatacat	nngctatgan	300
tattagtnat	ggaggctgt	gttttatcac	tcatatatgg	aaatcttttt	tgaatgacta	360
ctctggaaat	gacgactgaa	tctcatactg	tgtacacacn	tnatcanagg	acacttaatt	420
gnattnanna	anatantttt	gaacttacct	tgngttagag	ggncagagag	gttcatnatc	480
canaaaaaatt	atnatgtggg	gctttnttcc	tttgggaaan	tgaccgntca	cacnncaggg	540
catgtgtttc	ttctnatacc	ttcaccccan	ggggcncctt	ctcttttnana	aaaannnggn	600
gncatgaaan	ntntatnatt	cttnccectn	cccnagtncn	ttgntnttgc	ttaaggnttc	660
nncnnantg	ncaaggttna	naaanngaaa	aaaagaatnn	tgggnaaagg	caattntcac	720
aaacttntaa	aaagccgggn	atcntttgnt	ntngggtaaa	ntccccnnn	cctantttta	780
anatnntnnn	cnctccggg	gggggatatt	nnnnggggcn	ntntaanncn	nnnnnanann	840
nnaagngatn	ggngnggcc	aannccaacg	anntntttnt	aaaanagngt	aaaagcn	897

<210> 4078
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4078

ngnnnnnttg	gatanacagct	acnggtnaat	ttacttctctg	caacgncccg	aatncggcac	60
gaggttaggt	tggacacaga	aggggcaatc	aaatttctgt	attcagatac	cttttaaagg	120
tacactgtgc	caccttgctg	cctttgattg	caaatacaaa	gttaattttc	aaaaaggaaa	180
aacaaaaacag	ctctttttcc	taaaacacat	gttgtacttc	agacctaaaa	ttctaagtct	240
tatttggtttc	tcacccatga	gttagattta	ggtaatagta	ttagtagagt	ccttagagaa	300
tcttaagagg	tcatttactc	cacctctttc	attttaaatt	ggggtatcca	aagcctgaag	360
aggtggcctg	gccaatattg	accaagggtat	aactaaatat	gagctagcat	cttcttcctt	420
cttctcgcta	tcccttggct	ttaaaagatt	tagtacatga	agaataatgc	attagcaaaa	480
agctcctagt	ttgtgtttcc	cctttgtgtc	tccctgttgg	ctttctgaga	caacctgaat	540
tttgccaaca	aaatatcgca	gagggattta	tattaattat	tttttagtta	gatgaatatt	600
atattcttcc	catccaaagt	gagtgatattg	ctaggtttgg	ttagggaggg	aaaaagcaag	660
aataatgtga	gaagaatcta	aatgcgaagt	tgattttgtg	tggnaaactg	gttattagtt	720
ccatcaggaa	tttctgnttt	tattttttga	gctattgaga	agtgcacgca	gatttgaaaa	780
attagg						786

<210> 4079
 <211> 800
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(800)
 <223> n = A,T,C or G

<400> 4079
 ggnnnnntnn nnnnnntnta tnnnagctac ttgttctttt tgcagggatc ccatcgattc 60
 gaattcggca cgagggcagc agcagcagca gcagcagtgg tggaaacgagg aggtggagaa 120
 ttgagagcac gatgcataca caggtgtttc tgagtagtaa ttagatcgct gtgaaggaaa 180
 aagcacacct ttgagttttc acctgtgaac actatagcgc tgagagagac agtctgaaag 240
 cagaggaaga catcgatcag taacaccaag agacaccaa gttgaaagtt ttgttttctt 300
 tccctctgtt ttatttttcc cccgtgtgtc cctactatgg tcagaaagcc tgttgtgtcc 360
 accatctcca aaggagggtta cctgcaggga aatgttaacg ggaggctgcc tccctgggc 420
 aacaaggagc cacctgggca ggagaaagtg cagctgaaga ggaaagtcac ttactgagg 480
 ggagtctcca ttatcattgg caccatcatt ggagcaggaa tcttcatctc tcctaagggc 540
 gtgctccaaa acacgggcag cgtgggcatg tcttttgacc atctggacgg tgtgtggggt 600
 cctgtcacta tttggagctt tgtcttatgc tgaattggga acaactataa agaaatctgg 660
 aggtcattac acatatatatt tgggaagtct tttgggccat taccagcttt ttgtaccaat 720
 ctngggtggn actnctcata atacgccctg cagctactgn tnggatatnc ctggcatttg 780
 gaaccctacc atttttggaa 800

<210> 4080
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4080
 tnnnnntttt anancagctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gagcttgctt gaaatacaga atgtccagat ctactgagtc agaatttaca ttttcaaaag 120
 cttectacgt gactcatgca tattaagtt tgggaagcac tgacttagat taccttttga 180
 gaattccaga tgggtcagaa accagacaga aatactcagt agtgagaagc tatggtgtat 240
 cagaagctgt taggcatttc atggtttggt agtgagcaag acagatagtt ttctgtatt 300
 cagcgactta gtctagagag agacaggatg gaattaagtg ttaggtgct agccaaaagt 360
 aaagattcgt agaaaacaag ggttcatatc ccagtcacaa aagtgataaa tttccctgc 420
 ttaacattta gattaataaag taataattag gccaggtgtg gtggctcaca cctgtaatcc 480
 cagcactttt ggaggctgag gtggacagat cacttgagct caggaattcg agaccagcct 540
 gggcaacatg gtgaaacccc atctntacaa aaaataccaa agtcnggcac ggttggttgt 600
 gtgtgcctgt ggttccagct acaccggang cagangcagg agaatacatt gagcctggga 660
 ngcaaangtt gcaatgagcc aanattgggt ctttggactc tagccctggg cgacanggag 720
 tgaaacagtc ttcaaaaaaa aaagcctnta aaactatagt gagtcgttta cgtngatcca 780
 gacn 784

<210> 4081
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4081

```

nnnnnnntttt atancagctc tngttctttt tgcaggatcc catcgattcg aattcggcac      60
gagcttggat gtatgtttta atatgtatac cttataatc tgcctctagc caaatgctat      120
gtttgcaaaa tgtggcatct gttagtttt attgtctgtg tcttctttgt ttactatacc      180
ttgggtaatt ttgtgttacc aaaaaaaaaa aaaaggaagt gtaatgtcag acacacaaga      240
aaagcaaata agtgtttgtaa gcttaaagta caatttcaaa ggtcattacc aacagcaggg      300
ttttttttat actttaaaaa cattatgcta catatcattg ccattttcat attttgggg      360
tttgctactc ttatacaatg gaatcaatgg aaatgtcacc cagccactga attgccatta      420
ttatatctaa aaagtttcta agatgacagt tatcactatt ttgttttatc tccatgctga      480
catttgaaag aaggtctagt atccctctag ccagattgct tagtttttcg ttggtaatca      540
aacaacagtt gtactaaagg aaagtaaagc taggacctaa atcagaatca tagttgcttg      600
catatatggg aacaaggncg tgtgcatttg ctttcacagt gatgagtgag aggatgagaa      660
naaattattt gacatttttc ttgtgggtga atagaanaca ctttctttt gtctttaggg      720
ttanggnnga gatactaaaa aaacctggga tgtttatcct atcttaaatt ngggtgggag      780
taataaaaaa                                     790

```

<210> 4082

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4082

```

ntatnctggc tactngttct ttntgcagga tcccatcgat tcgaattcgg cacgaggttg      60
gttgtaact ttgcattata ccaccactt gtaatatctc tgccttgaag aggaaaaacc      120
aggaacattt ctagaatcc ccttcccggt atgatcccaa gttaggatat gccagtgaga      180
gggtgctgtt tagtcccttt tgcctgctgt gacaaaatga cacagactgg gtagcttata      240
aacaacagaa atttatttcc cacacttctg gaggtgggaa agtccaagat cagggtattg      300
gtagattctg tgtctggtga gggctcattt tctgattcat cgatggcacc ttctcagggg      360
tcctcacatg cggaattgat aacgcagatc tctgggatct cttttataag ggcactaatc      420
ccattcatga gggttctgcc ttcataatct aaccacctat caaaggcccc atttctagta      480
ccgttacctt aggggttagg atttcaacat gacctctggg gagatacatt cagcccatag      540
caggtaacta caatagaata agaaggcaaa gcaaggaagc ttttattctc aggatgtggg      600
aaagcatcac ccacttctcc agtaagttgt ggnctgttcc aatttctcaa tttcttcacc      660
agcttccact tttgcagttg tgtcagccaa tcaacgacag ctttccaaaa nttccgtgca      720
agtgcctgct tttganggca aaggnggnca taaaatngga agcttcttca ggctccttcc      780
acaatctn                                     788

```

<210> 4083

<211> 889

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(889)

<223> n = A,T,C or G

<400> 4083

```

ggnnnnnnnan ngnnntttta atncttgcta ctcgttctnt ntgcaggatc ccatcgattc      60
gaattcggca cgaggaggaa gcatatacca cagaacattg gctggtcagg atatacaagg      120
taaaggacct ggataatcga ggcttgtcaa ggacataaat gtnacgtcca gctctnatat      180

```

```

gcttcgcact gagcacatca catttaggac gttgaagatt tttttttttt ttttaatatg      240
cannttgtaa gaacaaaact ggatggcatc anaattgnct ggaagttttg tcttgggcca      300
aatgaaatga tttttataat tctaaacagg ttaccaaagt aaatgtcatg gctttacttt      360
ggtcaattaa agggggggaat ttttttttaa aaantgaaat gctnacactt atntctgnaa      420
antatatnga aaatgnatac cntggngcct attgangntt ttggnggggtc antttcnnt      480
taccnncn ccaantnga aactttnttn nttttggnc atcccacccc ttttgcnnng      540
gcnnttaant nacaaanttg ctttttttce cntnaangtn tgggaaaaaa nactttntcc      600
ttnttntttt aacccctttt cnccccngng gtttcttgnt taaaaanntt cctntnttaa      660
aaatagncaa ctcttttntt ttnttttnaa ngggntacca naaaaaaaaa aatagggggg      720
ggtttntaaa anatgggatt ggccccnncn acngggaacc caattgggnt cccttnnaat      780
aaaacctttt ttttnccaan atnaangggg gcctttttcg cntcnantnn ngcggcttan      840
aaaaggggcn ntancccgtt gtttcttttn gggnaaatcg cancccttc      889

```

<210> 4084

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4084

```

ntgnnttttt attcagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gagagggggc gggcccgtag gccgattcca tatgggcgcc ggcgcggagc gccgcggggc      120
agcgcggggg cggcatggct gagctgcanc agtccgggt gcaggaggcg gtggagtcca      180
tggtgaagag tctggaaaga gagaacatcc ggaagatgca ggggtctcatg ttccggtgca      240
gcgccagctg ttgtgaggac agccaggcct ccatgaagca ggtgcaccag tgcacgagc      300
gctgccatgt gcctctggct caagcccagg ctttgggtcac cagtgaagctg gagaagttcc      360
aggaccgcct ggcccgggtg accatgcatt gcaacgaca agccaaagat tcaatagatg      420
ctgggagtaa ggagcttcag gtgaagcaca gctggacagt tgtgtgacca agtgtgtgga      480
tgaccacatg cacctcatcc caactatgac caanaagatg aaggaggctc tcttatcaat      540
tggaataata aagtttttgc cagtggccat caagggtctg agggcaagaa tatattttt      600
attagggaaa aaaaaaaaaa agcctnttng aacttttagt gagttcgtat tacgtanaat      660
nccagacatt gataaggata catttgattg aggtttggga ccaaacaca accttgggaat      720
tgccagnngg aaaaaaatg cttttttttt gtgnaaaatt tngngaattg ctatttgggt      780
tttanttggg aaaccaatta ttaagcttgc aaataaaaca aggttnan      828

```

<210> 4085

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4085

```

nnnnnnnttta nancagctct tgtctttttt caggatccca tgcattcgaa ttcggcacga      60
ggttactttt tttctcacac aaaggaaaaa agagactatc ttagggaaa cactgcttta      120
aatcatcttc ctgaatatt aattctctgt tgcttctctc aaaaatggag aaaataatcc      180
ctaccctcat aggttatta taaggctcaa ttatgataat ggtgtgaaaa ctttgaaaaat      240
tagacttcag agaaattgag ttaatctggg attatttatc aatgtcttag taaccaaag      300
tttaaatgtt gttttgtcta ccaactggtt gcatgtacat ggttaatcca aaaggctcag      360

```

```

cttttcagca aatggaaaaa gattaacttc tttatggatc acattatgag atgaaacaca 420
tttcattcta gctgctgaaa aaatagcaac atgtttttga aaccattgtg attttgtatt 480
gcagtcacta aaacatcaaa tatatcattt ttatgttaaa gtgcccta atgtgtgtgt 540
acataaaaact tggagtacct tggccaaata gaagaaatta atgtgccgcg tgtctgtttt 600
aaaagaatga aatctgagcc cagtgtgang ctcatgcctg taatcccacc cctttgggag 660
gcttgaggca nggaaaaatg cttgagtnca ngagttggag accancccg ccacatangg 720
agaccttttc tnttccaaaa aattaaaaaa ttgnccgnca tggggggccc atgccgtgta 780
ggncccnct 789

```

<210> 4086

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4086

```

gnnnnnttcn aatactgntc ttgttctttt gcaggaccca tcgattcgaa ttcggcacga 60
gaaacagtct atacatgttc agtacagatg cagccatcca ttttcttgtc caaatatttt 120
ttatctccag ttggttgaat ccattgatgc agaaaccacg gatacggaga gctgactctg 180
tgtgtgtgtg tgtatactca ccaattcttt atttattcaa caaatattta ttgaatttct 240
actatgtgtg aagcatagtt cacgatcctg gggatatagt agacaagctc cttgccttat 300
tgagctcaca ttcttatggg gaagggcagg ttcagggcct tctcagatct ttgctgggca 360
tgcacacagc cctgtgcata tgetgctttg tggattccca caatgagctg aagcttttca 420
aagctcctag ggacgtacca ttctctggct tttccttttg agcttttaggt tagccttttg 480
tttgccttaa tatcaccac tactcaggca ggaatgaagt caaacaattg tcttgaaata 540
ttttcaataa atgcctctgg agaaaagggt ttttattttt ttagccctgg ataagatcct 600
ggttagggta aataaangca gccttgcaag tgggggcttt ccnggaagca ccagacagac 660
aaataactac agtccatgag aatgaacttt gaagggctct naccctattc tgccttatta 720
agggntggca ngntcctggg ggtcancaag atgggggact gggtggcttt caagn 775

```

<210> 4087

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 4087

```

tnnnntttta atcagctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
gggccagcgg atcgctgcga gtggccttga aggcagctgc tgcaggtgaa gagtaggcgg 120
cggggcagag agcggcctcc gagggtcacc tgaatgggtg agcatggacc ctgttgctac 180
ccacagctgc catctgctcc agcaactgca tgagcagcga atccaaggcc tgctttgtga 240
ctgtatgttg gtggtaaaag gagtctgctt taaagcgcat aagaatgtcc tggcagcatt 300
cagccagtat tttaggtggg tatttttagac ttcattctcc tagctgtgaa ttaagggtaa 360
agctctttta gtatggaagt attcatattt tgttctcctt ggatttcact atctttatct 420
tttatagcac attggatttt gtaggagttg ttttaatttt taagtttggt aaccattttt 480
attatttttg cttttgngtt tagagtaacc tgaaaagaaa agaggctctt aagtaaaatg 540
aatttgggat gactgaaagt attttgggtg ntgggctttc attttactaa ttctggctaa 600
tgtcannctt ctacatatat ttcttatcct ttcaagaaaa aatgatgggg gaattaaatt 660

```

nccngtcana aattttnttg tgataanaaa tcaggggaaa aacatatttg ggggtggant 720
tctttntttt tttcttaant aaannnttta nttttggntn tnattnnaaa 770

<210> 4088

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4088

taaanccgct	cttggttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagagggaa	60
aatatgacaa	acctcaacta	tgggagttgt	ccacaatata	aaattttgaa	aaaacattac	120
atagtataa	tatcatactt	ggttggttagg	cttggttgctt	ccccacatca	gaggcatcta	180
atgattttatc	ttttgttaatt	gctgtgaact	tttttaataa	agccatttag	tgtgaaattg	240
tcatgtatca	aatggctatt	ggaaatggac	tttactcaat	tttaattcca	ctgtaaataa	300
ggacggagtc	attcctacaa	ggctctcttc	agagaaatag	attaaaagtc	caatttccag	360
gtattattag	tatagttatg	ccgctgggcc	acatcctcaa	caacagctga	tccctcttgt	420
ataaatatgt	taactgtgca	gaacagttat	gttatgggac	aaatataatg	gtcattatgg	480
tcagattggt	tgatgccaca	ccagtcaagg	tagagtctga	tagggcagta	tcttaataac	540
cctcccatga	cttaactggt	ggatttgaaa	ggaaaacgta	ggatttgctc	ttgnccctt	600
ccccacaaa	attttgataa	tttgtttaaa	aagggagang	cngaggaaaa	gactngaacc	660
ttaaatngct	gctttanggt	ttgccagang	cccatactta	acattagtgc	ttaaaattcg	720
anggtatttt	actaatgnaa	ttaatcaaca	gagcccnag	gantttttta	tggg	774

<210> 4089

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4089

nnnnnnnnnn	nttntatana	tacagctact	tgttcttttt	gcaggatccc	atcgattcgc	60
ttgtttttaa	gataattgct	agatttatgt	tttagctttc	cataaaatgt	aataacataa	120
aataaaatat	aaataaaata	tgaaataaaa	taaaagccat	gggaaaagg	tagggtttga	180
ttgctaataa	gaaatttctt	ggaaaagaga	ctagctctct	tttggttttc	caaagtccac	240
attttataac	attttttagtg	cttggtggtt	gcttggtgta	ttacattaga	taaaaatgta	300
tcacagtgtt	ggtttatact	ggatgtttta	ataggattca	ttgaaagggg	tgtgttttct	360
ttctgaggaa	tacttactca	gcattttctt	cagaaagtta	cttgctgcta	atcctttatg	420
gaggctctag	gggaacatca	ttttcttgcc	ttttccagct	tctacaggct	gtccacatcc	480
tcagctagt	gccccttttc	atcctttttt	tttttcttga	attatgagat	tttttgact	540
ttgagttctg	ggatacatgt	gcagaacgtg	cagggttgct	acataggtat	acaagtgcc	600
tggtgggttg	ctgtacccat	caacctgtca	tctacattag	gtatttctcc	taatgctatc	660
ccacccttag	ccccttacc	cctnacagtc	cccggtgtga	tgttcccctc	ctgtgtccat	720
gtgtgctcat	tggatcaactn	ccacttatga	ntgagaacat	gcannnggtg	ggntttctgg	780
tctgngtgga	agttgctgan	aatgatggnt	tccagcttta	ttcatgtcct	gcaaaggaca	840
tgaa						844

<210> 4090

<211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4090
 gnccttttga aatcccttnt aacncaaacg cttggcaaac nccctttctn cangcancce 60
 ntgcgntncg aattcggcac gaggccaaat gccggaattt aaaacctggc ttntaaaaag 120
 aatgattttg aacaaggcga attatatattg agagaaaagt ttgaaaattc aattgaatcc 180
 ctaagattat ttaaaaaatga tcctttgttc ttcaaacctg gtagtcagtt tttgtattca 240
 acttttggct ataccctact ggcagccata gtagagagag cttcaggatg taaatatttg 300
 gactatatgc agaaaatatt ccatgacttg gatatgctga cgactgtgca ggaagaaaac 360
 gagccagtga tttaacaatag agcaagattt tatgtttaca ataaaaagaa acgtcttgct 420
 aacacacctt acgtggataa ctctataaaa tgggctgggtg gtggatttct gtctacagtg 480
 ggtgaccttc tgaaatttgg gaatgtaatg ctttatgggt accaagttgg gctgtttaag 540
 aactcaaatg aaaatctttt acctggatac ctcaaaccag aaacaatggg tatgatgtgg 600
 accccagtc ctaacacaga gatgtcttgg gataaagagg gtaaatatgc caatggcggtg 660
 ggggtgttgg gaaaagaaca aacgtatggg tccgtgtaga aagcaacggc attatgcttc 720
 acatactgga ngggcantgg gtgccagtag tgcctctggg tcctcctgaa aantgg 776

<210> 4091
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4091
 ngttttaaan atacagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gaggaatgga gttccacctg ggctgtttta ttaactattt gcccctccgt ttcttcatct 120
 gtaaaaacaga aatgataacc ttactattaa ttgtgtgacc ttggacaagt tacaacatct 180
 ccctgggctg gattgtccca tctgaaggct ataatagcac ctgccacaga ggatggtagt 240
 aaggattaaa ttagttaatc catgtaaatt acctaggtaa gtgcctgcca tatagcaagt 300
 gcttgggtact tttttttaaa aatcactggg atgactattg cagacacctt tgccatgatt 360
 ggaatagctg gaatccaaac tcaagccttc catttccagg gttctggctg gtgtggggct 420
 gacagacctg gatggggatt cccagctctg cctctcttca gctgagcaag tcaactggaac 480
 ctctctgagc tgcattctgt tcagctgtaa aataatagtt tgtactttgc aggggtgttg 540
 taaggcaatg gtctccagcc tttttggcac cagggaccag ttttggggga agaaaatttt 600
 tncatggaca gggntgctna aggggatgtt ttnaagctcc catgaggatt taatgcggcc 660
 ggccccggng gcttaccctt gtaatccaa nacttttgga agcccaagtg ngccggatcc 720
 ccaggtcagg gaaacgagac cntcctggta acatggggaa ac 762

<210> 4092
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4092

```

ngtcatttgn tngatacagg ctacttggtc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggag gagttaaatt ttgaagctct ttgagaaagg taccttttct taacatgttt      120
taaaaataaaa aatacaatgg cttattttaa atgtccctat gcatggtgaa atgttaaata      180
ccaagtggat gaatggttct caaatatatt gtaatggaga attattcaca tgcattctatt      240
gtttaaacta ataagtaaaa tagacttctt ttttctgttc tgttttaa atgtgactaaa      300
attacctgct tgtgggttagc atgggctgga cagtttattg atttttcaga agaattgcttg      360
gctttgggtt tttggcaata gggagcctgc agcaaattat ttcatttgac aaaaaagagt      420
tattttaatc ctatttgaat gtatgctatc tcctttaccc tcccatctt atgataaaaag      480
gtctctcttt tttctcttcc aggtttgcag ctaaaactgt gcacagtggg tcattgatgc      540
tagtcacagt ggaactgaag gaaggctcta cagccactt atcataaaca ctgagaaaac      600
tgtgattggc tctgttctgc tgcgggaact gaacctgtcc tgtctcangg gtaacctgct      660
tacatctgga ctttanaatc tggcacacaa caaaagtgcc tggcatcact actgntgcct      720
ttcatttata ataatagccc ttcctcttgc agtgggggta ga                          762

```

<210> 4093

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 4093

```

ggnnnnnnngt ctttcaaant ctaggctact ngttctttnt gcaggatccc atcgattcgc      60
tcaagtncca ncacaccggc gccgtcctgg actngcctt ctacgatcca acgcatgcct      120
gnagtggagg actagatcat canttganaa tgcttgatnt gaacactgnt cnagaaaatn      180
tngtngggac acatgatgcc cnnntnanat gtgnngnata ctgtccaaan ctgaatntna      240
tggtcncctg natntngnnt cagncnnata aactgcngga tcnnncanct tctngnaatn      300
cnnggaccnn nnctnngccn gaatangtgt atacctctc nangtcttgg agaccgncng      360
gttggtggnna cngcaagnct gccnnngntt actnccatnt tangccaaca tgggtatncc      420
antcttggtg gngatanacc atcctgccnt accngacttg atgngttcga gnntnngcaa      480
actnnnnngg cttggnatta agctgnttag aangccaagn nnattctgan aatntggacc      540
tgngccttng ggccataaaa aagcgnatgn cnnnttctnn ggccaaacna tgataacctg      600
attnccatcg atttcaccct tganaatggc ttcannntna aactnaatac ncaantnntt      660
atcntcaang nggaccgnaa acgcttngng aanctttttg gggggnnncan tnttgcaaaa      720
cnngaaangt gccattttaa anccaaactc gcaattngnc aanttnantt caattgcctn      780
gaataattgg agang                          795

```

<210> 4094

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4094

```

natggntttt nannatacag ctcttggtct ttttgcagga tcccatcgat tcgaattcgg      60

```

cacgagacag	agcgagcact	ccagttcaaa	aaaataaata	aaaattaaaa	aataaaataa	120
aataaaaaat	ttactaggca	tccagcattc	attaaggaga	ataattcagt	taaggaggaa	180
aagaattctg	ggattctggg	aatttcctta	accaataaag	agtatgtgtg	agaaacctac	240
tgctaacatc	atacttaatg	gtaaaagtcc	aaagatcagc	aaaaagagga	tacctggtct	300
aaacacttcc	actaagcatt	atactggaag	ttctagctag	tgcaataaat	gaaagaatac	360
aaagtatcca	gattggaaag	gaagtataat	catctttatt	aacagattat	atgattgtct	420
atataaaaaa	aatctgaagg	tatctacaac	actattagaa	ctaaatgagc	ttagttagac	480
tgcaaaataa	agatcaatat	atataaagca	gatgattttg	catgactagc	catgaacaat	540
ctgaacctta	aaaccttaaa	tgccattttat	acaccatana	caatatgaaa	tncatagtga	600
tgcatctggc	aaaagaagtg	caagatgtat	agtataaaaa	ttaaaacact	ttggggagaac	660
tttaaaaagc	ctaaatgaga	ttactatgtc	agagactcca	gactcatacc	ataatatgca	720
atcttccacc	tgccataagat	cagtgaatcc				750

<210> 4095

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4095

gnnnnnnnnng	ntttnttnca	gctacaggct	acttggtctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgagaggac	attctcctac	atagccgtat	attctcatta	taccagcaa	120
atattcaatc	atattatcta	aggtagactc	cacattcaga	aaaaaaaaatg	ccctttacca	180
tagtttttgt	tttgcttttg	gttttgatca	aagattacag	gtgtgagcca	ccgcaactgg	240
cccactgtgt	tacgatttga	aataaaaagg	aacctgtcaa	gtaccagag	aatatcagaa	300
ctgctgtccg	atctcctgaa	attgaaatta	atttcctcag	tgactcaata	cccactgcca	360
ctcactcaag	ccctgcaagt	tcaagccaaa	tcctcctgcc	accacaggaa	tctgatgggt	420
cacgctgctg	cctactgaaa	atggggattt	gggttagtga	taaaataggt	taaaacacat	480
aaaataggta	aactagggtg	aaatacagta	agaatgggtg	agaggagaga	aaaagaaact	540
tcanttttagg	aagcataata	ctacttaaaa	tttcctgaga	ataaatttgn	cttctagaca	600
acacanagna	nnntanncn	nnnnnnnnnn	nnnantnnna	aaaaagcctn	taaactntag	660
gagtcnttta	cgnaatcccn	acntgtnaga	tncttgatga	nttggaacaac	ccacttgaat	720
gcagnaaaaa	aatgcttttt	gngaaatngg	agctttgn			758

<210> 4096

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4096

gnnnnnttttn	aanatacagg	ctacttgttc	tttttgcagg	gatcccatcg	attcgaattc	60
ggcacgagac	gggagctagt	gacggcattt	ctacgatcct	gaagatcctc	gtctccgggg	120
gcggaagtc	acggacaggt	gtgatgatcc	ccatcccaca	atatcccctc	tattcagctg	180
tcctctctga	gctcgacgcc	atccagggtga	attactacct	ggacgaggag	aactgctggg	240
cgctgaatgt	gaatgagctc	cggcgggcgg	tgacggaggc	caaagaccac	tgtgatccta	300
aggtgctctg	cataatcaac	cctgggaacc	ccacaggcca	ggtacaaagc	agaaagtgca	360
tagaagatgt	gatccacttt	gcctgggaag	agaactcttt	ctcctggctg	atgaggtgta	420

ccaggacaac	ntgtactctc	cagattgcag	attccactcc	ttcaanaang	tgctgtacna	480
natggggccc	gagtacttca	tcaacgtgga	gctcgccctnc	tttcacttca	cctncaaagg	540
nctncatggg	ccnatgtggt	tacanacgag	gcttcatnga	ggnaaatcaa	cctgccccctg	600
anatcaaggg	ccanttggtg	aaactgcttt	cggnnctcct	tgtgccccnc	aatatntggt	660
caaggccgcn	ntggacattt	ttngtgaacc	cccttggcca	tgcctnaact	tcaaaacaat	720
tnaaatgntt	tttttttttg	nnncaaatta	naacctnact	tanttttggc	a	771

<210> 4097

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4097

gnttaanncn	tnatacagct	acttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggctgc	tgggcctgga	agtccagggtg	gggccactcg	ctaattctca	tgtgttgctc	120
cggccccctc	agctgcagggt	gggtgtggag	tttgaggcca	gcacaaggat	gcaggacacc	180
agcgtctcct	tccggtacca	gctggacctg	cccaaggcca	acctcctctt	caaaggtaaa	240
ggtctcggtt	cccctacgcg	ggaaacaggc	aggagggtgac	tcaactctga	gtggatgtgt	300
gggccaccac	aggtgctgga	ggacagtgtg	ctgccaccct	gtgggcctcc	acattaccgg	360
ggaacacttg	ttaaaaggta	ggtggggccg	ggtgcggttg	ctcacgcctg	taatcccagc	420
actttgggag	gccaaaggcg	gccgaggtaa	ggagattgag	accatcctgg	ctaacacggt	480
gaaactccgt	ctctactaaa	aatacaaaaa	caaaattagc	cnggtgtggt	tgccggtgcc	540
tatagtccaa	ctactgagct	naagcnggaa	aatggatatga	accaggaag	cggacttgcg	600
gtgaaccag	atcgtgccac	cgacttcaac	ctgggcgaca	gacaagaatt	catttnaaaa	660
aaaaaaaaag	tagtggacaa	ccctntacta	tgtttatctt	gggaaaaaaaa	agtnngtnna	720
acggncaagc	cttgtgaata	accctgtaat	nccaacn			757

<210> 4098

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 4098

gntttananc	agctnntagc	tacttggttct	ttttgcagga	tccctcgatt	cgcaaggatg	60
ggcgcacccg	agaaggagac	cgcattatcc	agattaatgg	gatagagggtg	cagaaccgtg	120
aagaggctgt	ggctcttcta	accagtgaag	aaaataaaaa	cttttcattg	ctgattgcaa	180
ggcctgaact	ccagctggat	gagggctgga	tggatgatga	caggaacgac	tttctggtgt	240
tggatgtcaa	tgatgatttt	tctgaggaag	taaccaaaca	agaagacctc	atgagagagg	300
taaacacctt	tgtaaagaat	ctgtaaccaa	taccatgatg	ttcaggctgt	gatctgggct	360
ccctgacttt	ctgaagctag	aaaaatgtng	tgtctnccaa	ccacctttcc	atccccagcc	420
cctctcatcc	ctggagcact	ctgccgctca	agagctgggt	tgtaatttat	ngttagactt	480
tgccattggt	ttcttttgtc	ctgaagcatt	ttgaaaataa	agttacttaa	gttaaaaaaa	540
accaaanaaa	nactcgagcc	tctanaacta	tagtgagtcn	attacgtnga	tccaganttg	600
atnagaaaca	ttggttagtt	nggnaaccac	aacttgaatg	ccncggaaaa	aangccttat	660
ttggtaaaat	tgtgangcna	ttggtttatt	cgtaaccttt	ttaaccggcn	ttnacaagtt	720
aaccacnacc	attgctttna	ttttatgggt	tagggtcncg	gg		762

<210> 4099
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4099

tgnnnnnnttn	anaancagct	cttggttttn	agcangatcc	ctcgattcga	attcggcacg	60
agcagccttg	gtgacagagc	gagaccctgt	ctctaaaaaa	taaataaata	aaatattgtg	120
agtctctgat	ggggagcagt	attgcatggg	ggttgagaac	tgaggctctg	atgttagaac	180
tggattctga	cttaaccac	tgtttgccca	catcttgagc	cttggtttcc	ctatctgtaa	240
aatggcagta	ttctcgggct	ggctgaggaa	aggaaatgag	gccaggcgcg	gtggctcagg	300
cctgtaatcc	cagcactttg	gcaggctgag	gcagggtgat	gatttgaggc	caggagtttg	360
agatcagcct	gaccaacatg	gcaaaccccc	gcgtccacta	aaaatagaaa	aaaatagctg	420
ggcatgggtg	tgcacccttg	tagtctcagc	tacttgggag	acagaancag	gagaattggg	480
tgaacttgga	aggtggagg	tgcantgagc	tgagatcgca	ccactgnact	ccatcctggg	540
cgacagagca	agactgtctc	aaaataaata	aatnaataaa	taaatnaagt	tcaaaaaaaaa	600
aaaaaaaaac	tcgagcctnt	aaaactatta	ntgagtcgta	tnacgtagat	cccagacatg	660
ataaaaaatac	catttgatga	agtttgggac	caaacccecn	ccttgggaatt	gccggtggna	720
aaaaaaatgc	cttttttttg	gggnaaaatt	tggggangcc	ttttgctttt	aattttgtaa	780
accattttnt	taaagcttgc	caataaaacc	aanattna			818

<210> 4100
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(821)
 <223> n = A,T,C or G

<400> 4100

aanncnggct	actngttctt	tttgcaggac	ccatcgattc	gaattcggca	cgagatccaa	60
ctgtggcttc	tcccaggacc	attacacttg	tatctaaata	cctacttgac	atcttctttt	120
ggataactga	taaagatctt	gaacaaacaa	ataaaaaacag	taggttggtg	atgcatgtta	180
ctttgcccaa	tagatatatt	ctatcagaat	gtgatttgta	tatataatat	gtttacatat	240
taaattttga	ttcaattaaa	attctccaca	ggggagattc	tgtggtaagt	tctttcgtaa	300
atgaagtaat	tattctagt	atttaagttc	atgttacttg	tactttatgc	tttattattg	360
atgtgttatt	atgcagtatg	cttattttgtg	ttttattctt	atgttattta	ctcttgtttc	420
tgattgatct	ttcatgaagc	tcctaatact	ctgtccatag	aagcacagct	ataatgatat	480
ttacatatgt	aaggaagact	acaaatattt	cttcttttga	ttcatttttg	gtgattatct	540
ccttggcaga	cataaaagac	tgatgtgggt	tggctgtgtc	cccacccaaa	tcttgaattg	600
tagctectct	aattctcacg	tgtcatggga	gggaccagc	gggaggtaac	tgaatcatgg	660
gggcaggctc	ttcccatgct	gttctcctga	tagtgataaa	gtctcacgag	atatgatgg	720
ttaggaatgg	ggagttcccc	tgggcatgct	ctctctcttg	cctgccacct	gtagacgtga	780
ctttgctctt	ccttcgtttt	tgccaagatt	gngaggcct	c		821

<210> 4101
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (818)
 <223> n = A,T,C or G

<400> 4101
 tgnnnnnnttn anaancagct cttgtttttn agcangatcc ctcgattcga attcggcacg 60
 agcagccttg gtgacagagc gagaccctgt ctctaaaaaa taaataaata aaatattgtg 120
 agtctctgat ggggagcagt attgcatggt gggttgagaac tgaggctctg atgttagaac 180
 tggattctga cttaaccacac tgtttgccca catcttgagc cttggtttcc ctatctgtaa 240
 aatggcagta ttctcgggct ggctgaggaa aggaaatgag gccaggcgcg gtggctcagg 300
 cctgtaatcc cagcactttg gcaggctgag gcagggtgat gatttgaggc caggagtttg 360
 agatcagcct gaccaacatg gcaaaccccc gcgtccacta aaaatagaaa aaaatagctg 420
 ggcattggtg tgcacccttg tagtctcagc tacttgggag acagaancag gagaattggt 480
 tgaacttgga aggtggagggt tgcantgagc tgagatcgca ccaactgnact ccatcctggg 540
 cgacagagca agactgtctc aaaataaata aatnaataaa taaatnaagt tcaaaaaaaaa 600
 aaaaaaaaaac tcgagcctnt aaaactatta ntgagtcgta tnacgtagat cccagacatg 660
 ataaaaatac catttgatga agtttgaggac caaaccctcn ccttggaatt gccgggtggna 720
 aaaaaaatgc cttttttttg gggnaaaatt tggggangcc ttttgctttt aattttgtaa 780
 acccatttnt taaagcttgc caataaaacc aanattna 818

<210> 4102
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (845)
 <223> n = A,T,C or G

<400> 4102
 gnnnnnnnnnn tttntataga tacagctact tgttcttttt gcagggatcc ctcgattcga 60
 attcggcacg aggatacatc caaatattat tcatgttata gtaaatcaga tgaagccttg 120
 agcttctcag cagccacgta aggcctaaat atgaggggaa aggggctctt agaagtgaag 180
 tgacttctga aagatgcaca gagaattagg aaagagtctg aattcaaccc tgggaaccctg 240
 actttcaggt gagtgccttg cccactaaag aatgacaaa ccatggggag tggcatggaa 300
 agcatgagct ttggagttag acaggccttg gtgtgaatcc tggtcacccc agttctgtta 360
 aagacctcag aaaagttacc tagcttcatt aagcctgttt cttcagccaa aaattaatgg 420
 tgtaacgct tacctctcag gatgggggtc acaaataaat agaacgacat aaagtacata 480
 atacatcaat cagttaggat gtatttggct acaggcaaaa gaacagccct cctcaactgg 540
 cttaaccaac aattaaccta ttatcttaca taaaagggag tctagaagta gggatgttcc 600
 aggtttggct aatccagcag ctcaaccatg tcaacacaga ccgggttttc tctgtcttgc 660
 ctttttgcca ttctcagtgc ttctcatggc tccctttatg cttgcaatat gccagctgca 720
 gcttcagaca tcaacttntc acatacctat gtccagagca gaagaaggac atttctcctt 780
 gngcatttct actggagact aaattttcct gcctggcaaa aaaaaaaaaa aaaaaactcg 840
 nnccn 845

<210> 4103
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (830)

<223> n = A,T,C or G

<400> 4103

actacagcta	cttgttcttt	ttgcaggacc	catcgattcg	ccacactgct	gttctcatga	60
tactgagttc	tcacaagtcc	tgtttgtttt	ataaggggct	tttccccctt	ttgctcaaca	120
cttcttcctg	ccatcatgtg	aagaaggacg	tgtttgtttc	cccttctgcc	acgattgtaa	180
gtttcctgag	gccttcccag	ctatgtggaa	ctgtgagtta	attaaacctc	tttcctttat	240
aaattaccca	gtcatgggca	gtcctttaca	gcagcatgag	aatggactaa	tacactcctc	300
aaatgttttg	aagattgttg	cacottggaa	ctaccagtgt	gcacacaatc	tggtcfaatg	360
tatatattgg	cccagcaagg	caaagaactg	aagttccagg	atggaagaac	ctgtgtttctc	420
ctcataatag	tatagaataa	ttcaagatag	gcaagaagga	cagcagtaaa	tgaagaccat	480
ggaagaaaag	aaggaatgcc	aaagatcgag	gaaatctacc	aagactagta	gggtagtcca	540
gaagaagctg	tttcagggcc	tgttgccagc	tatgcctttg	agaacctcgg	gatcccaaag	600
aatgagggga	atttcttcag	aaagacaatc	tcggcatgca	ttatttcttt	ggtttgaaga	660
ttcactcatg	ttgcatgcat	ctgtagcttg	tgcttttttt	attgcctagt	agtattctgg	720
catatgccta	tcttacaatt	tgattatcta	ttcacctgtt	ggatgaatgt	ttgaattttt	780
tccatttgag	gaatttatga	ataaagctgc	tnttagcatg	aaaaaaaaaa		830

<210> 4104

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4104

nnnnnnnnnn	ttntnaanat	acagctactt	gttctttttg	caggatccca	tcgattcgga	60
gaatcatgac	tgctggctga	agcctgcac	tttgggtaaa	cagggcaatt	aattcccaga	120
gaacaaggac	atcatggata	gttaaggcaa	ccagataggt	gcttatcctc	taggtctcca	180
tccaaaatgg	agtaatgaca	cctactttcg	tgttttaaga	tttaaacgca	gtaacatatg	240
taaagtgcag	agtctgatgt	tcgagtcac	aacgatgtaa	ataatgcaaa	accagtggat	300
tactcatgct	taatttatat	tttacttgga	aatttatctc	ctttttcttg	gttatctctc	360
taaataaggt	aactttttta	tacattttct	ttttatatgt	atttattctt	ttttttttgt	420
gacggggtct	cactctgtca	ccaaggctga	aatgcagtgg	tgcgatctca	gtcactgca	480
acctccactt	tccaggctca	agtaattctc	cagctactca	ggaggctgag	gcaggagaat	540
cgttggaact	cgggagatgg	aggttgact	cogtctggat	catgccactg	cactccagcc	600
tggttgacaa	agcaagactg	tcttaaagaa	acaaaacaaa	actacaaacc	aatttgtttt	660
aaagcatgtt	ttttctctgg	ttaaagaacct	tncagtgaag	aacacaggac	ataaatttac	720
tatggtaatt	aagtcgtttt	tatcanatgg	nattattaag	ttggttttat	caagtggnat	780
taaaggattc	atttgtttac	agtattattc	aacacnaatn	ggaggataat	tacaattcct	840
tatt						844

<210> 4105

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4105

```

gnagngtcnn ntttctaata ctgganactc gttcttttttg caggacccat cgattcgaat      60
tcggcacgag ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat      120
tttagaggca tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag      180
tgatgaagct cctcaggaag atgagggcct tatgggcatg tccctctct tacaagccca      240
tcatgctatg gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggct ggtggcgagt      300
gatccctcat gatgtactac cagactggct caaggataat gacttcctct tgcattggaca      360
ccggcctcct atgccttctt tccgggcctg ttttaagagc attttcagaa tacacacaga      420
aacaggcaac atttggacac atctcttagg ttgtgtattc ttctgtgcc tggggatctt      480
ttatatgttt cgcccaaata tctcctttgt ggccctctg caagagaagg tggctcttgg      540
attatttttt ttaggagcca ttctctgct ttctttntca tggctcttcc acacagtcta      600
ctgccactca naggggggtct ctgggctntt tctctaagta agtatctgta aagtncatat      660
ttttggccaa tgattnanag gttagtgcnt taggggaaaa aacattcncc canantttgg      720
catgaattct ttaataatna ttctaattcc cnccttnann ttttnaaaaa aanttttnna      780
cacnaaacc cagatttgnc ttntttaanc atttnnttnn atttnnann agancncca      840
agntataaat tcggggaana cnaaaatngg ttcaatttnn t                               881

```

<210> 4106

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4106

```

tttnnataca gctcttggtc tttttgcagg gatcccatcg attcgaaaag gtgaatgcag      60
aggcctggcc cagacccag ccctgtgtgt caatacaact ttccacgttg ttacatacac      120
attttccagt ctgtgtctcc ctctgaaaga aaccctgaaa ttcaggttgc taatagattg      180
ttggttgcaa gtatgaagga cagaggaggt aagagaggag gcaacttgct aatgcaaaag      240
cagtgtactg aaagtcactt ttatttctta ttataatct acatgcacac tctggataat      300
agatgacact gtcattcag tactttaact tcaaagcaga gagaagccat ggatgacaga      360
gccgggagcg ggaatacaaa ggtactaaca acaagaggaa aaatgcctgt ttacgggatt      420
gcatttggtta gcacgctctc ttcagatatt gttccccag gaatagcgaa aatatgtgca      480
gcgcgaacaa tgatttaaca tctgaaaatg gtacttaaag agtttctgtc tggtagtaat      540
gtgatggagg cttctgaagg gaacctgggg acttcatttc ttctatttat ctatatgtct      600
ctctggtttt agtgagcggg aattgcata ttaaccctc aaatagcttt aaccctnacg      660
atgccacttt ttaccctgta taaaatgtac ttttatccca gcaaaggcag actcagaaat      720
tnccttacc aaaaaattat ttaaaaaaaa aaaaaaaaaa cttcgagcct ttanaactn      780
tngtgagtc gnnttacgta gatccngacc ttgatnagga tccattgatg n                               831

```

<210> 4107

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4107

```

gnnnnnnnnn ttttnaactt tgctaatnct tggctactcg ttctttttgc aggacccatc      60
gattcgaatt cggcacgagg cctctgtcct gaacttttta acccggtgcc acaacccgag      120
ggtctccata ggggcaggta aacggggatt ttaatcattt taagtgtctt agaatgatat      180

```

tttgggaaaa	agcactcctt	ttcctaagga	ctgcgactcg	gtgaacagaa	aggaggctat	240
gcggtgtggc	cagccaactc	aaggaggacg	aagcaacctt	tgctctaaa	ctgcctggaa	300
ccaaatgtcg	atTTTTctga	ccctctccag	ggagtgtctg	gtagtgtggg	tgtctggagg	360
gtcaaatcca	ttcccaatgg	caaagggttc	tcaccactcc	ccaccgctac	aactccaaaa	420
ccactcatcc	cagtgtttgg	ggcactgtgt	tcctcttcgt	ccctgcacca	gacctggaa	480
gccttggcca	gagacctcac	cagactcgac	ttgcggcgct	gggccagctt	catggatgct	540
ggagtggagc	acgatgacgt	agcagagctg	ctgcaggagc	tacaaagcct	ggcccagtgc	600
taccaggggtg	gtgacagcct	cgtggactaa	agttcccagt	gtgggagaaa	ggagctagtt	660
tgcaataaaa	acagctggat	gcaaaaagcc	tctagaacta	tagtgagtcc	gtattacgta	720
gatcagacat	gatnagatac	attgatgant	ttggacaaac	cccactngga	atgcantnga	780
aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	tattgtaacc	attattaagc	840
tgcaatan						848

<210> 4108

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4108

gnnnnnnnnnn	tttnaacctt	nctaattctg	gtactctngtt	ctttttgcag	gatccctcga	60
ttcgaattcg	gcacgagaga	aaccagnatc	acacaggaat	gactgggatt	ttaggcctgg	120
aatgtacctt	taaaattatc	ttattacaca	ccatccttca	tttttctcat	tttctctttt	180
tgggattcat	atattaagta	ttagggcatt	aaaacacaac	tgtatatata	aagaaaaata	240
taaagtaacc	acacatgctc	agggaaagac	acaggctcag	aaaatgcctg	agaagaactt	300
agtttcacac	cccaggctga	tcctaagcac	cgagacagcc	tacaacaatc	caaaaaacaa	360
aaacaataaa	taaaaagtaa	caaacaacag	caaacctaa	agaatgacga	aaatataatt	420
tccagaatta	ccactttatt	agagtcaaat	gtccagtttt	taataaaaact	cagaagcata	480
caaagaaaca	ggaaattatg	gcccattcaa	ggatcaaagg	aaaaaaaaaat	gaatggaaac	540
tgtactgaaa	aagacatgat	ggcagatata	ctagaaaaat	actttaaaaat	actgtcttaa	600
tgatgcttta	aaaactagag	gaagatgtgg	aggaagtcaa	gaaaatgatg	tacaaacaaa	660
acagcaatat	caataaggag	gtagaaaact	ttaaaaggaa	acaaaaaaat	tctagagtgg	720
aaaagtncaa	tactgaaata	aaatattact	agtaggattg	aagtcatggt	tggaataggc	780
aaaaaaaaaa	annnnnnnnn	nnntnnaaaa	aaaaactngg	cctttttaaac	tttnggggtc	840
ngtttacct						849

<210> 4109

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 4109

tannccngct	cttgttcttt	ttgcaggatc	ccatcgattc	ggtttggcag	tctctgaaaa	60
tatataacctg	ccatatgac	cagccagttc	actgtacct	agtttcccaa	aagaaatgaa	120
aatatatgta	tatgtgaata	ctcatatact	aatattcata	gcagctttgt	ttgtaatgga	180
caaaacaacc	caaatgtcca	tcaacgttgg	aatggaaaca	acccaatgt	caatcaacaa	240
gtgaataaac	aaaatgtgct	atacgtatat	aatggaatac	tactcagcaa	taaaaaggaa	300

tgaaaggaat	gaactaatga	tgcattgcaac	agcatggata	catctcaaaa	taattatgct	360
gaatgaaaga	agccagacag	caaaaatttc	ctactgagtg	attccattta	tataaaaatc	420
tagagaatgc	caattagcct	ttagtgaaat	aaagcagaac	agtaattgcc	tgtgacaggg	480
tgggaaagat	ttggactgga	agcagggatt	accaagaggg	gtgagaaaac	ttttgaaggt	540
gatgaatatg	tacattgtct	tcattgcttt	ggatggnttt	tccaggggtg	atattgtaat	600
ttcaaaaaat	gatcaaaatt	tntacacttt	taaaatantg	gttcaagttt	tattttttat	660
attgaaataa	aaggctggat	taaaaatggc	ccnaaanann	annanactnt	tnantntntn	720
nncnctntnn	tnncnnnnnn	ntcntnnnnn	nntntntntn	nnnnnnnecn	gcnccttntt	780
aaaaantttt	gnnggggggnc	gntttttccn	tngaaccccc	cnctttgttt	tanct	835

<210> 4110

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4110

acattnnngnn	cgcttttcng	tttganccca	tcgaccgaat	tcggcacgag	gctngatcgt	60
ctgggcctgn	gtttanactg	gnatnggatn	ctcaatcctt	nttggtcaaa	ttttnaagtc	120
cagaaagctc	tgaaaactga	aagttttttc	ataattttatt	tcactgtaaa	acctgaattg	180
aactgatatt	tatctcacta	aaaatgagta	ttcatatatt	gnactgtang	aatngtaaaa	240
ttaccaagta	ntancccgag	cctagttaga	taaatgcacn	attngctttt	aattncaaaa	300
aaatcttaan	tctgaggcac	atttggtgta	cagcatttca	gatnagggat	tttgaacctc	360
taattcaatg	atgtngataa	atatcaccac	ttctactacc	attgtctatt	actgaacact	420
taccatgggc	caggtacaga	gaaggaattg	acctaataag	ctnttcggnc	cntananagc	480
tntaaaaggc	aggtcctttt	attgacgtca	ttttattgct	ggtcacccaa	gtggcaaggc	540
tgggctgatc	cattgggtcaa	gttatgactg	ccgtgctcct	ncccaaaact	taangcagaa	600
ntctcagtgc	agatgatcct	ggacttacca	aggggggttat	nctaaatnga	ataagaactg	660
ggcctaaaat	tgggaaanat	tggtaaggcc	ttttaataacc	atnttaacca	tcttagcttt	720
gncttaacct	acccttaaan	ngtgcctcaa	ggacacttac	atttaccgna	cc	772

<210> 4111

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(790)

<223> n = A,T,C or G

<400> 4111

ttttcttttn	ntnmatcagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgagggggacc	tcgatcatga	caggctcatc	agcctgtgcc	tgacccttct	cacgtgaccc	120
cagacatcct	gcaacctggg	gggacattcc	tttgtaaaac	ctgggctgga	agtcaaagcc	180
gtcggttaca	gaggagactg	acagaggaat	tccagaatgt	aaggatcatn	aaacctgaag	240
ccagcaggaa	agagtcatca	gaagtgtact	tcttggccac	acagtaccac	ggaaggaagg	300
gcaactgtgaa	gcagtgagga	tttcttgtgc	cattttcata	atggtcatta	gctcctttta	360
agctanaaac	gtacctgagc	ttctgaagag	ttcctgggag	atttgagctg	attttggaaa	420
tggagcatga	caagtgggga	gtctctctct	ctctttctct	ctctctcttt	ttaacccaaa	480
agagatgacn	aaactaagtt	caggggccat	ggaaaatgaa	aaagtcgctc	atattnggat	540
ttgggaagaa	gaaagtntnc	angaagaaan	angtgangat	tgaangatng	agaaaaacag	600

acttggtggg	aagggtcana	aaggaattcc	cccgangcaa	gggattgggtg	tgcccatttg	660
tgcctttgac	cgggaccttc	atcttattat	actgggtaaa	cttgtnanac	cacaaaacag	720
gggttttcca	accctgttt	ttagaacccc	acgcnccaga	tttttccaat	tctttaaagg	780
ggggctgggt						790

<210> 4112

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4112

ggtnnnnntt	gnaatcgana	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	60
ggcacgagga	aagctcatta	ccagtaggac	ataatttttg	gctctcccta	ttcacaacca	120
gtgcacagtt	tgacacagtg	gcctcagggt	cacagtgcac	catgtcactg	tgctatccta	180
cgaaatcatt	tgtttctaag	ttgtgtttat	tcctggagtg	acatgccacc	ccgaatggct	240
cactttcact	gaggatgctg	tcctctgatt	tagctgctgc	ctccagcctc	tggcttgaga	300
acttactaaa	ggcacttcct	tcctgttaaa	cccctgttaa	ctctccataa	atttggtgat	360
tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccaaagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cacttttctt	tctagtttct	tggatttttna	gcttaggctg	600
cattctaacc	tcatactgng	naanacccaa	gggtggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4113

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4113

ctaatecctt	gttttctaag	cttggtact	ngttctttct	gcaggatccc	atgcgattcg	60
aattcggcac	gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	120
gagtggaagg	agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	180
actgccctgc	tggaagggtc	gatggagctc	cccgcagcat	ggttcctgcc	tgggtgacag	240
aggctcctgt	ggccacttta	gaagtgcggt	ttactcctca	tgccgagatg	gaccttgggc	300
agctcagttc	acaagatggt	ggtcaggcgt	catttaaata	ttttcagtca	gcagaggaag	360
caaagcgtgc	cattgaggct	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	420
tttgccagga	ccgccttttc	tactttactg	tagacatagc	gcatgtcact	tgctggtttg	480
gtgatggctt	tgacagagtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	540
gccctgtggg	gtccttggtg	tctctggggg	cttaaggacc	tnccctcatgt	ctttaaggta	600
gcatcattga	tctttggatg	tggctttttg	gatttcttga	acaagctaag	gttgtgtcaa	660
gaagcaacac	ttttgtgaat	ctcattggct	ttgattggat	ttgggcttgt	tcaaaaatgt	720
ttatttgaaa	aacgtattcc	tttaataaac	ttaaccaaag	agatttttaa	att	773

<210> 4114

<211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 4114

gnnntattgc	aattngatag	ctactngttc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgagggt	accagtagg	tatcgttga	aacaacggag	ttctcttttc	tgaatctgca	120
aaaaagggt	ctcactttgt	ccagttatgc	tgccaaagaa	atattcctct	gctgttcctt	180
caaaacatta	ctggatttat	ggttggtaga	gagtatgaag	ctgaaggaat	tgccaaggat	240
ggtgccaaaga	tggtggccgc	tgtggcctgt	gcccaagtgc	ctaagataac	cctcatcatt	300
gggggctcct	atggagccgg	aaactatggg	atgtgtggca	gagcgtatag	cccaagattt	360
ctctacattt	ggccaaatgc	tcgtatctca	gtgatgggag	gagagcaggc	agccaatgtg	420
ttggccacga	taacaaagga	ccaaagagcc	cgggaaggaa	agcanttctt	catgctgatt	480
aaaccgnttt	taaaaaaacc	ttcttttaaaa	ntttgaagag	gaaggaaccc	tactntccag	540
ccaaggtatg	ggatgatggg	atcattgtcc	acagacncag	actgtcttgg	tctngtttag	600
tgcacctnac	cccatngaga	gatgntcggt	cttagatgta	ctggataagn	gttctgtgaa	660
tnctgaatac	ctgngtanct	aaattaactt	cnctagtgtc	anat		704

<210> 4115
 <211> 758
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(758)
 <223> n = A,T,C or G

<400> 4115

gtnnnnnttc	aattgnnttag	gctctcggtt	ctttntgcag	gateccatcg	attcgtttca	60
gctttcggtta	ccagcaggag	ctggaggagg	aaatcaagga	attatatgag	aacttctgca	120
agcacaatgg	tagcaagaac	gtcttcagca	ccttccgaac	ccctgcagtg	ctgttcacgg	180
gcattgtagc	tttgtacata	gcctcaggcc	tacttggtt	cataggtctt	gaggttgtag	240
cccagttggt	caactgtatg	gttggaactac	tgtaaatagc	actcctcacc	tggggctaca	300
tcaggtattc	gggtcaatat	cgtgagctgg	gcggagctat	tgattttggt	gccgcataatg	360
tggtggagca	ggcttcttct	catatcggtg	attccactca	ggccactgtg	agggatgcag	420
ttgttgggaag	accatccatg	gataaaaagc	tcaatagcat	ctttaacgtg	aaaatnaaac	480
cagaacncna	nnaaggcctt	tanggatttc	nggggttttg	cccacggcca	caggttcatt	540
tccagaggaa	tgcaaaactg	anacnatcca	ggaagagcta	aaacatggcc	ctgtaataaaa	600
tgaccagacc	tttctgngg	ttcaaattnt	taacacactt	cctttctttt	gggaaaaaaa	660
aannnnnnnn	antnnnnntt	nnaaaaaaa	aaacttgacc	tttaaactnn	aggatctttt	720
actnantcca	acttgntaga	nccatggtna	gttgggna			758

<210> 4116
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)

<223> n = A,T,C or G

<400> 4116

```

ggnnnnntnn nntttgaaac cttnggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcggcac gaggtcaacc tctaccacgt gcgggaggat ggctggatcc nagtctccag      120
ngacaatgtg gctgatctac atganaagna tantggctct acccctgaa agagggtgga      180
tgcanctgct tgtgtatntt ggggtgactg tcattggtaa tacggacaca gtgacccatc      240
ctccatncta tttatagngn aagggccttc antngtatca gtacttgatt tnaagctctg      300
gcacattgac ctntatgtgt taccagtcac taatgagctg ntgcacgagg tgactattng      360
ttanactntc ttagcatgtt aacattacac tntcactac tcatananaa gnntnnnnan      420
aacttgagnc ctttaaaaac ttttaagtna gtcannattt ccgttngatt ccaatanctt      480
ngaanaaga atncccttgg gntnaatttt tggaaatcaa acttcctacc tttgnaaatt      540
nncnntgtgg aaanantaaa atntgcttta aaatttttng ttgaaaattc ttggggggaa      600
ncgatttttt nngncttttn aannngnggg ttacccctt tnatannnt cttnaaatan      660
ttnccaaann ttttaaccct caaccttttt ggnnttttan tttttaagng gttncatgnt      720
aaaangtnaa atntntttgt annngntttt ttntccagnt nccnngngtt cttnaaaat      780
ttngcccnnn gtgtcnacaa nntnttttgn tncntaatt tatnggnngt tttnttncn      840
ctnttgtcat aaaatagngt taanctgnn                                     869

```

<210> 4117

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4117

```

ggtnnnnntt ttnnnttaca gctacttgtt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagga gatgctgaag gaaattatag ccagaggaaa ttttagactg cagaatataa      120
ttggcagaaa aatgggccta gaatgtgtag atattctcag cgaactcttt cgaaggggac      180
tcagacatgt cttagcaact atttttagcac aactcagtga catggactta atcaatgtgt      240
ctaaagtgag cacaacttgg aagaagatcc tagaagatga taagggggca ttccagttgt      300
acagtaaagc aatacaaaga gttaccgaaa acaacaataa attttcacct catgcttcaa      360
ccagagaata tggtatgttc agaaccctac tggcttctgt tcagaaatca gcagcccaga      420
cttctctcaa aaaagatgct caaaccaagt tatccaatca aggtgatcag aaanggtcta      480
cttattgtcc gacaccatng aantnttttg agggttgcna aanaccattg aaaaaagaac      540
naaaagcctt aaaagccctg tnttcncttg taaattcacc tgcaaaaata tggattggct      600
ntttaccaac ngggcaacc tggcaaacn aaaaaggctt gtgggnattt ggaattattt      660
ggtncgaaa atngtctcnt ggtaanttat tcattactta cttnaaagaa ctggtttcaa      720
aaatnggcaa gcnttccttn aaaagcccg tttgttaaaa aatanggtcc cccttgnctt      780
ggttccaaaa nnaaaaggcc nnaanggaan tttccnn                                     817

```

<210> 4118

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4118

```

gntnnnnnnt tgtntncata caggctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gccggcttcc tcatcaacct cattgactcc cccgggcaag tcgacttctc      120
ctcggaggtg actgctgccc tccgagtcac cgatggcgca ttggtggtgg tggactgcgt      180
gtcaggcgtg tgcgtgcaga cggagacagt gctgcggcag gccattgccg agcgtatcaa      240
gcctgtgctg atgatgaaca agatggaccg cgccctgctg gagctgcagc tggagcccga      300
ggagctctac cagactttcc agcgcacgtg ggagaacgtg aacgtcatca tctccaccta      360
cggcgagggc gagagcggcc ccatgggcaa catcatgatc gatcctgtcc tcggtaccgt      420
gggctttggg tctggcctnc acgggtgggc cttaccctga agcaatttgc cnaanatgta      480
tgtngcccaa tttngccgnc caagggggga aaggggccan ttngggggcc tgccnaaacn      540
gggcccanaa aaaggttnan ggaccattga attnaaaaaa aaccttttgg ggggttgaac      600
aagggtncct ttttggacc ccaancccca aacggggcaa aggttttnaa ncnaagggtt      660
naagcccaac ccaaaccccc ccnaaaagg gnaaanaaaa cttggccaan gccaacntt      720
ttttggccaa acttgaacc cttgggaanc cccatttttt tnaangggng ttttggatgc      780
cnaaccattg aaattttcaa ggaaaanaag gaaggccngg gattngggaa aacccccaaa      840
aatttttttc catttttttt n                                           861

```

<210> 4119

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 4119

```

ggtnnnnnntt gtaanntana gctacttggt ctttttgcag gatcccatcg attcgaattc      60
ggcacgagcc tcattatcca ccacgcacag atggtacagc tggggctgaa caaccacatg      120
tggaaccaga gaggttccca ggcgcccag gacaagacgc aggaggcaga atgaccgcgt      180
gtccttgcct gaccacctgg ggaacacccc tggaccacag catcgccag gaccccatag      240
agcaccgccg tctgccctgt gccctgtgga cagtgggaaga tgaggtcatc tgccactttc      300
aggacattgt ccgggagccc ttcatttagg acaaaacggg cgcatgatg ccctggcttt      360
cagggtggtc agaactggat acggtgttta caattccaat ctctctattt ctgggtgaag      420
ggtccttggtg gtgggggtat tgctacggtc ttttaattat aatnaatatt tattggatgc      480
ttnaaaaaaa naaaaaaaa aaacttnngg ncttttttnaa atttttaggg gagtcngtnt      540
tnccntagat tccagacntt gtttanggat nccattgggt gaanttttgg gaccaaacc      600
ncaacnttgg aaattgccnn ntggaaaaaa aaantgcctt ttantttggg gnaaantttg      660
ggggaatgcc ttatttggtc ttttaatttt gtaaccnnt tttttaaaag ctggcaattt      720
naaccnaggt ttnaccnanc caaccaaatt ggcattttca tttttaaaang gtttttnang      780
gtttcaaggg ggnaagggt tttgggaaan gttttttttt aaaatttnnn ggggcccenn      840
ggngccnncn a                                           851

```

<210> 4120

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4120

```

ggtnnnnatt taanntnagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgaggunc ctgcaagggc tgggtgtgaa acaagcannn tngntgcntg aagcaaaagt      120

```

```

nanacngngg tgtnnactgt tgatgtgacc ccacaaagtg tnggaaccgc catcaaggcn 180
nggntagctn gggcactgtn gancggaccc anaattncnn nggntccttc naactgnang 240
atcctaccna ggtnacccnn ggatngngct tntntaatnc nntttgtgcn accccnaata 300
gcnnगतcct gaaaganatg tgccatgtng ancaggtgct gtnaaagaag actgcttcng 360
ctccctgncc ttttgacctc ccngagttga aacatgtagc aacacgnntn ccatagaata 420
caaggctcca gntgaagaaa aagaaacggg ntctggtcag naacaatcag ntccntntc 480
ttggangatt cccctntntt aatnaaaagc cctnattna nttttnnang cnttnaattt 540
tttacncctn caatntttgg tttgcntaan atgctttttc aaggtttgan aaccctttaa 600
anggggggtt tttttnaaaa tggactttct tntgggattt tnagggtttt antttggctt 660
anttnaaaaa aaaagntaac caaaaaccgt ttncttgnaa aaagaanggt nnacccttta 720
aatnggatnt tgggcccttt aancctttca atgttccang gnttacctna cttttangtt 780
ntntcccaaa aaaanggttn ctaangtntn ccttatttgg actnnaanaa cccnaattga 840
acttttnn 848

```

<210> 4121

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4121

```

gnnntttcaa tctganagctc ttgtttctttt tgcaggatcc catcgattcg aattcggcac 60
gagtacatat ttgtcataat tacaataaaa tacaaagagc tatttttgaa ctgggcaagc 120
tgttttctaaa tgtatatgga aaaataaaaa tgtctccaaa aaatccctgc agagggaaac 180
tagcccttcc agatataaaa tatattatag aactgtgtaa ttaaagcaat atggtactgg 240
tccataaaag aacataaaac caaatagtct agtagactca aaatgcaagc gttggtgagg 300
gtatggagaa aagggaaccc ttttacactt ggtgtgaatg taaattagta cagacattgt 360
ggaaaacagt ttgttagagct tcctcaataa aaacacatat gatccagcaa tcccactact 420
gggtatatat ccaaaggaaa tgaaatcagt atgttgaaga gatacttnca cgttccactgg 480
aaccttgntc acattggcca gnacttaaac ctaaagggtc catnaaccgg aagatagata 540
gggctgaccg cggtggccca cgctgtaat ccagcactt tgggaggcca aggcagggtg 600
atcatttgag gtcagaagtt tttgaccagc cttggccaac atgatgaacc ccgtntttct 660
aaatttccaa aaattagctg ggcgtatggg gggcacctgt ntcccagtt ctcgagggt 720
nangcaggan aatgctgacc cagggaacgga cttgnt 756

```

<210> 4122

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4122

```

ggtnnnnnntt gnaatcgana gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagga aagctcatta ccagtaggac ataatttttg gctctcccta ttcacaacca 120
gtgcacagtt tgacacagtg gcctcagggt cacagtgcac catgtcactg tgctatcccta 180
cgaaatcatt tgtttctaag ttgtgtttat tcctggagtg acatgccacc ccgaatggct 240
cactttcact gaggatgctg tcctctgatt tagctgctgc ctccagcctc tggtttgaga 300
acttactaaa ggcacttcct tcctgttaaa cccctgttaa ctctccataa atttgggtgat 360

```

tctctgctag	gcctaagatt	ttgagttaac	atctcttgaa	gccaaactcc	accttctgtg	420
ctttttgctt	gggataatgg	agtttttctt	tagaaacagt	gccagaatg	acnagatntt	480
taaaaaaaga	aaggaaggaa	aaaaaaaaacn	cttcctttta	aagaaattcc	ctaccngatt	540
tttaatatag	gtnatcttac	cacttttctt	tctagtttct	tggattttna	gcttaggctg	600
cattctaacc	tcatactgng	naanaccaa	ggtgggtttt	ngattcanna	aattttttga	660
aaatctgcat	aagccttaaa	tttggtaaaa	aattaangaa	aaattccttt	aaaaaaaaaa	720
tannnnnnnn	naaaaaaaaa	aacctgnggc	ctttanaact	ttgngagtcn	tttcc	775

<210> 4123

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4123

gnnttcaa	at	cgatagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gagggccgtt	ggg	cgagatg	aagctacact	gtgaggtgga	ggtgatcagc	cggcacttgc	120
ccgctttggg	gcttaggaac	cggggcaagg	gcgtccgagc	cgtgttgagc	ctctgtcagc		180
agacttccag	gagtcagccg	cgggtccgag	ccttcctgct	catctccacc	ctgaaggaca		240
agcgcggggac	ccgctatgag	ctaagggaga	acattgagca	attcttcacc	aaattttag		300
atgaggggaa	agccactgtt	cgggttaaagg	agcctcctgt	ggatatctgt	ctaagtaagg		360
attccatatg	gctctcatat	cattccattc	catctctgcc	aagatttgga	taccgcaaaa		420
atttgtgttt	gtggaagatt	ctgctgaact	ctttcattca	agggactact	tccattgaat		480
ttggattntg	tttgccccac	attgggggtc	ttantanana	atttgggggtg	gnncntgaag		540
cacctattaa	tctcttaatt	tctggttctc	ttangctggg	tatgttaa	tcctccgata		600
tgtaaaagt	aatgggtgag	accagaaaaa	gaaatttcaa	ttaccagatc	antttgggggt		660
gcattgtatg	attttgcacc	ntcaaaatgg	aattangggg	agaattctgg	ntcttgcttg		720
gaaagganga	tgtgtntagn	tncccattta	natgactcca	aattttntta			770

<210> 4124

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 4124

gntnnnnntt	tgtntncatn	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	ggaacatcca	gtgcctgcag	gacgtggagc	gctgcctccg	ggacacgggt	120
gtgcagggcg	tcatgagcgc	agagggcaac	ctgcacaacc	ccgccctgtt	cgagggccgg	180
agccctgccg	tgtgggagct	ggccgaggag	tatctggaca	tcgtgcggga	gcaccctgc	240
cccctgtcct	acgtccgggc	ccacctcttc	aagctgtggc	accacacgct	gcagggtgcac	300
caggagctgc	gagaggagct	ggccaagggtg	aagaccctgg	agggcatcgc	tgctgtgagc	360
caggagctga	agctgcgggtg	tcaggaggag	atatccaggc	aggagggagc	gaaccacaccg	420
gcgacttgcc	cttcaactgga	tctgccaccc	tacattcggc	cggggcccaa	gganganaac	480
cagganaaag	cagtccccca	aaaagcgggc	cttgnaggaa	aaggangtgg	cacggangtc	540
tgtcttanac	ccnttgcaaa	aggacaataa	tatttaaagt	gaaaaanana	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngnnntnnan	nttnnnnnnt	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	707

<210> 4125
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(673)
 <223> n = A,T,C or G

<400> 4125
 gntnnnnnnt tttatatata caggctactt gttcttttttg caggatccca tcgattcgtg 60
 cttgttcgtt tctgtgtact tgcttagtgg actgtagcaa cacactcagc ttctccagtg 120
 tcaaccacaca ttggctttcc cactctacag tttctgtagg atgcatgttt tcaccattat 180
 caggcttctg cagtgtctcag agggcagcaa taccagcaa ccagtgacct gaggccagca 240
 acttctttta cttccccctc agttggattt gtaacagagt atctttggtg ggacacttct 300
 gtgtgaagag attttactag caccctaaag aatggatttc tggcaagttc cacaaggtag 360
 acttcagta agttctgctg gtgcagcact acagcaactt ccgtgctatt cagtgagagg 420
 actgtgttct ctccaacaag gtctggatct cagccctggg atggtttaag gtcngangaa 480
 gctnttgctt tggggntctg ngnnanctn agggacttng gnactntnaa nagtctctta 540
 ttcnnatagt naatanctgt tctcacccat gttaatagta gngaccttta taagttcatt 600
 tcaatactgg ggttcttcga tgnttcttct tattagacgt gaaatgtgat gtgattgtat 660
 agnatgntac ata 673

<210> 4126
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4126
 gntntnnntt tgtatannta caggctactt gttcttttttg caggatccca tcgattcgca 60
 gcaatgtttt gtggctttta ttgtacaagc ttttcacctc cttgggtaag ttagttctta 120
 agtgtcttat tcttttacgt gctattataa atggaattat tttcataatt tccttttcag 180
 gttgttaatt attagtgtac agacatgcaa ctgatttttg cacattgact ttgccagtga 240
 catgaacctg tatgtagaaa accctaaaga ttgcacaaaa aaaatgggta gcttgagacg 300
 taaaccttag gcaaagagaa gtttgtgatt tgtaagaaat ttaaaattaa taggattaaa 360
 aagagagctg tgggccttgt tatgtatttg ctttggaagc cctctaagaa aatttcaggt 420
 caatttttta ttctctgccc tactggaatg cccccagatt atgtgacaat gangtcttat 480
 tttaatatgt ncanaatttg gtnanantgg caatnnttgg gttcnanatt ttcccatttc 540
 agaaaattnt ngctttttcn ggtgatgtct tatcctcttg ngtggtgccc aagtgagccc 600
 tgatcctttc agatncattt tatatactct ggtggtgatg aatatttnat ctctggcaaa 660
 tactgnccat gctaattccc tggaggacct nggatncaat attattggaa ttntaaatca 720
 aggttaacct aagtcaaaga gtctnanctg ccc 753

<210> 4127
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4127

```

nnntntnnnt tttntacata nangctactt gttctttttt caggatccca tcgattcgaa      60
ttcggcacga ggcgagggcc tggcccccag ggcggccaca ccagaaggtc ggagaaaggc      120
ccaaggcgga tgccacgccc agcagtgggtg agggaccac agattttgga aacgacctgg      180
acacactatt ggggaaggaga tgtggacggc ctgtctctc ctgcagggcc caccctaaga      240
atgtattttt aaacacatga aataagtatt tttcactgat aaaaaaaaaa aaaaaaaaaa      300
actcgagcct ctagaactat agtgagtcgt attacgtaga tccagacatg ataagataca      360
ttgatgagtt tggacaaacc acaactagaa tgcagtga aaatgcttt atttgtgaaa      420
tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaaca gttaacaaca      480
acaattgcat tcattttatg gtttnaaggt taaggggaag tttttggaaa ggtttttaaa      540
ttcnnngccn nggnnccaat tgcnttgggc ccggttcccc aanttttngt tcccttttat      600
tganggggta attgcccccc ttgggcgtna atcatgggcc ataanccttg tttccctggg      660
gtgaaaattn gntattnccg tttnacaatt tcccacaca nntttncnaa nccccgggan      720
ccttaaaant gtnaaaacc tggggggtgg ccctaaatgg aattgaacct taacttnaca      780
tttaantggc ntttnnnnct tnaattggcc ccntttt                                     817

```

<210> 4128

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (684)

<223> n = A,T,C or G

<400> 4128

```

agnnnnnnnn nnttgaanac nnnagctact tgttcttttt gcaggatccc atcgattcga      60
attcggcacg aggataggct tagaaattat tttttatcag cattaagtgc ttcaatttct      120
ccccataaag attctaagga aatttcagtt cctcatatta tagttttccc cataatttaa      180
tattactaag tatttctctg ccagtaagt ttgatgcagt ttgcataaat agccttggaa      240
gtaaggaggc aggacagaaa gccaaatatc gaaatctctg gccttgattt agtgacagtt      300
tattctaattg gggaccatag gtgttattag taaaaagata gtgtacaagg cctaagttca      360
gtttacattg ttctttgaaa tgagttcatc ttttgtgttg aataattgta ttctaagtag      420
gagatgcctg tatttaacat aatcatgctt tctatataat caaatatgta tttgntggaa      480
tactggtaga aataccttcc ttcctcnttg ccanggaaa aaaactccc attatncngn      540
tataaatagg aatttgtaca tattacattt taaaatttaa atgcatatat ttgaaggatg      600
gatatagtct gagctatgct gcttaattca ctctggacc gncaatgttt tatatggctg      660
ctatgctggt acngctgat gnaa                                           684

```

<210> 4129

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4129

```

acganagcta cttgtttttt ttgcaggatc ccatcgattc gnnctannt cgagaagagg      60
tntggtnacc tntgtntgcn cncnctgggc tggacggnaa gangactnnt nnntcnangg      120

```

ngngnnnnngc	ggcacaccng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaagggtca	tnnannntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcnen	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaacca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tngaaaattc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaaat	tngggaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcctgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnntnggg	attatttnat	ttcaacccaa	720
cacttgance	ctttttanng	ccaatgcact	tgggttaaacc	atgggggnaa	aaatgcccc	779

<210> 4130

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4130

acganagcta	cttggttcttt	ttgcaggatc	ccatcgattc	gnnnctannt	cgagaagagg	60
tntggtnacc	tnctgntgen	cncnctgggc	tggacggnaa	gangactnnt	nnntcnangg	120
ngngnnnnngc	ggcacaccng	gtatttganc	atgcattatc	tncacacact	gtgcagcatc	180
ctttggagag	cacaacgcat	ggaaagggtca	tnnannntnt	ganttgccat	ntcnntngcg	240
ngtcntccta	cccaagtaaa	agntaccttg	gcnatnntac	cnccgntttt	ntcactcnen	300
aggacntatt	acctnggggtg	cntnnaacgt	aatcnnttac	tnnnnctcat	tctnacnnnn	360
nttggaacca	tngncttgct	gncacaccta	tgaagnactg	tttcacagcn	ctttcacttc	420
ctacnaaggt	accatgttat	ttatcttgcc	tngaaaattc	tgaattntac	ncttaaattt	480
taanntttnt	tnactntnaa	ngcaaaaatt	ttttgaactg	aaaggtcntt	aaaggcnttt	540
ngactcttca	tttttcaaat	tngggaaaac	aatgctcaaa	agagttntnt	tnaccttngt	600
aaannaangg	gaanaanaat	ctggaatctt	tcctgancct	ntacnttaac	ctcttntntt	660
cactggtnct	tgcanttttt	tcctaagtna	tttnntnggg	attatttnat	ttcaacccaa	720
cacttgance	ctttttanng	ccaatgcact	tgggttaaacc	atgggggnaa	aaatgcccc	779

<210> 4131

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4131

gnnnnntttcn	aaannttttt	gaaanccttc	ttnncccttc	aaancgcttn	cgaattcggc	60
acgagcactt	gtcaggggag	aggggacagc	aagggtgggag	gttgaagagc	tttgaggctc	120
agcagcatgt	ttgtggcatt	cggtggacac	catggccttg	ggcggttgga	cagggtttttg	180
tgatgtgagg	gacacgcatg	gggcacatgg	taagcttggc	aagggtccca	ggaacgctga	240
cgaagggttt	taggaccccc	acccccatgc	ctgtaccagg	gctggcctnc	agagcggttg	300
aggacagagc	agctgtgggc	ttttcattct	gaggtcttgg	ccccctgccc	accgcaaggg	360
actcttttgc	tgtcagggtc	tgcaaaaacc	aaccttcgag	aaagaaaagg	gaactcttca	420
cgttgaatgt	tgactttgtg	tgtatgcctg	tgtgtgtgtg	tgtgtgcacg	cgcgcgtgtg	480

cgtgtttact	tcattggaatt	ttgtttttgtg	aaattcccct	caatcgtgtc	agaattttacc	540
ttcatgcccc	atcacactgt	tggttctgcg	ctctgaacct	gggtgtagct	cattttgaang	600
actctcttct	gcgtttccta	acagttatct	ggtggtctca	aaagttgang	ttgtggaagg	660
gttggaaga	aactgaagtt	ctatccattt	ccatagaatt	tacatnctgc	attnnaaang	720
canggaaggc	ttaaccccg	cccaaaactt	ncaggcct			758

<210> 4132

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1335)

<223> n = A,T,C or G

<400> 4132

gccctttcta	antgctnaga	cccttggtact	cctcatgaac	gtttggnaaa	tnccgcacga	60
ggaaacagac	aaatctgtaa	taacggccta	ancctntttc	tgngatnagn	ntcatttttg	120
cccantcnaa	aaaaatgtgn	aatagnttat	tcaagncaan	cagctcattt	tccaacaatc	180
ctnngctcat	gtgatcccc	aatncccaca	actttntgga	naaccnngg	gccncanatg	240
gttggtgaaa	aatgggggtn	tagatgggtt	cgnggaactt	gnagggtatg	aaaaagggnc	300
cannccaggc	tngaactggg	gattnggann	aaacnccaat	cgnaaaaccn	ntttttaaan	360
aacnccccct	ttaanaaggg	ggcacctgnt	ntttaacggc	taaganaaaa	tttgggaattg	420
ccccctcan	gttncatnna	aacgggggatt	tggaaatttt	ggaaccccct	ggggggnann	480
attatcccat	ccacaaanng	gaaccctggg	ggcancnccc	aggggganct	ttgggaaaac	540
aagggggggc	ccttggcctt	ttaacggccg	ngcctntttt	tgggcantaa	ncnaggctng	600
ccctaanaan	gggggcccnc	ctttntntaa	cncccanna	cctttncggc	gtttcncant	660
nccccntgg	gncttaaaan	ctgggntgcc	cntgtctatn	ncnagacccc	tttttngccc	720
ntggggggnc	nantttaagn	cccccccnt	tgggaaaatn	tcccccaan	nggngnanng	780
ggngngcccn	aaattttncc	nnccgnccnt	ttttgcnanc	ntntngggcc	natcccttat	840
ggntnaaacc	cttngnaagn	ntcaccaa	tnggggtggg	cccctttcta	anggtaaaaa	900
caaaaaangg	nnngggnnnc	cntttgncan	cattnncttt	tcccaanacn	ctttggnggg	960
gnaaaaaacc	cctgtaanan	ncaagcncn	gggnaanata	aagggtaaaa	atcncccng	1020
ggnnccctta	aggnntttt	naaagggaac	mntaaanccc	cncccngggg	ngnnaaattc	1080
cttgggcttt	tacnccnt	ttnggccnca	acnntgggac	naaaggnttc	tnacnagggn	1140
aaatnggggg	ggcntnaacc	cgaacccccn	antnccnct	aagganagcg	ntaanttaan	1200
gggaancttc	ngccttgcaa	anaaagntnt	ttgnacaatn	ttngcncgaa	aanngnggg	1260
gaactnaaaa	ctgggaccaa	antccnccng	gncctanacn	ttananaaaa	gatgntaaac	1320
aatngcccc	cccc					1335

<210> 4133

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 4133

ggtnnnnatt	taanntnagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggunc	ctgcaagggc	tgggtgtggaa	acaagcannn	tnngtgcntg	aagcaaaagt	120
nanacngngg	tgtnnactgt	tgatgtgacc	ccacaaaagt	tnngaaccgc	catcaaggcn	180
nggntagctn	gggcactgt	gancggaccc	anaattncnn	nggntccttc	naactgnang	240

atcctaccna	ggtnaccenn	ggatngngct	tntntaatnc	nntttgtgcn	accccnata	300
gcnngatect	gaaaganatg	tgccatgtng	ancaggtgct	gtnaaagaag	actgcttcng	360
ctccctgncc	ttttgacctc	ccngagttga	aacatgtagc	aacacgnntn	ccatagaata	420
caaggctcca	gntgaagaaa	aagaaacggg	ntctggtcag	naacaatcag	nttcctnttc	480
ttggangatt	ccccntntnt	aatnaaaagc	cctnatttna	nttttnnang	cnttnaattt	540
tttacnccn	caatntttgg	tttgcntaan	atgctttttc	aagggttgan	aaccctttaa	600
anggggggtt	tttttnaaaa	tggaactttc	tntgggattt	tnagggtttt	antttggctt	660
anttnaaaaa	aaaagntaac	caaaaaccgt	ttncctgnaa	aaagaanggt	nnacccttta	720
aatnggatnt	tgggcccttt	aancctttca	atgttccang	gnttacctna	cttttangtt	780
ntntcccaa	aaaanggttn	ctaangntn	ccttatttgg	actnnaanaa	ccnaattga	840
acttttnn						848

<210> 4134

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4134

cntnnttgnn	cnnnnnnnng	ggggnnttgc	antgcggnc	aatggctnng	gctactngtt	60
ctttncgcag	ganccancg	attcggaaaa	tataggcctt	tattgtcttt	aacattgaag	120
taactttgta	gttttattca	attatgagcc	agcagatcct	tagtttaggc	ccttatattg	180
cataccta	tagaactttc	cccaaagtcc	aactgcatga	ccttaatgta	ttggagcacg	240
tcttacaggt	ggacttaaaa	ctctagaatt	tcctgagtcg	ttgttatttt	ccactgaagg	300
tctttccact	gtacagcatt	tcaggcatca	tcactatgat	tcttttttct	tgactgttgc	360
ttgttttccc	actgctcttt	tccccaatgg	cgagctgggt	gtgccatctc	tggggctctc	420
ttataggaac	tcacagtcta	gcctactgta	ttttgttttc	ggagaagtga	aagtgaacac	480
tggtatttgc	catcatacct	ccatcaagaa	tttcaacttc	ctaggaaata	tatgggcctt	540
tcattggaact	gatgattact	gtggctgatg	tgagtgttgg	gcttangatg	ctcacatgtg	600
gtagttggaa	gttttgta	ctaagatgga	aatgagtggg	ccattttaat	ggccatctaa	660
aggtcacagt	gactgcanaa	gaagtnagaa	gagagtataa	ttcttcagct	ccctggactt	720
ccatangaaa	gctngaaaaa	cttatacca	gattacccaa	aaaaaaaa		768

<210> 4135

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 4135

gnnnnnnnnt	tncgngtg	cnnttaggtg	ggggnnttct	nttttactna	tagctngtgt	60
actcgttctt	tncgcaagat	cccancggtt	cgaattcggc	acgagggnaa	cctttcaatc	120
actttaacta	gtcncttaag	gactctaggc	ccagaagcct	ggtttctggg	tgaatgtttt	180
tatacatcac	tcaacttccc	tcgtcctaaa	aggacaccta	attttggttac	tattgaaaat	240
ttttattttg	gtggccagaa	tacgaaatcg	ggagaggtaa	cccaaacagt	tgtcttagga	300
aaaggcagat	tctcagaggc	aatgggctat	caacaaaata	gggtgctaagc	acatttggtt	360
gtaatgatca	ttcatataat	ttanaagatt	tatggtaaca	gttttatattc	attatccata	420
cagttctatt	tttgcaaata	gaataaccac	ctataagcaa	acagtgttaa	tgagaaatat	480

atattgtntt	aagaaaatag	catataccac	atgaaaaaga	gtgttccett	tctntttttt	540
tttttgccag	aatcaagt	tggaagnctt	gatcaaagta	aaactaccta	tttgaactgc	600
acanataaaa	ctgggggtgcc	caatccntat	tttacatttc	tnggggttga	ttcatataac	660
tttgtaanaa	aaaagttnac	tattnaaaaa	gtcnnngtgng	ccttcacttt	tgacttggac	720
ttctattccc	ctttttgtcc	tgggattnct	ttttcctacn	cnatttctnn	aaatnttatg	780
aaangggcnt	ntntncnn					798

<210> 4136

<211> 1105

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 4136

gaccccnttc	ntgattgggn	cnnaggtggg	gggttttcc	ttttactaaa	tngctngtgt	60
cntccntant	ctnctnanna	nnnagagcnn	agtcctcana	cagcncgnag	ccccantagc	120
tgggcctaca	ggcgcccgtc	nccacaccna	ctnttatggg	ggggngnggg	gnnggggaga	180
cggggnnttt	accatgtttg	cnccccgcng	gtgncncgt	ggtcannnct	gnngaccanc	240
tnttnccggn	canancncnc	cggnctcnnt	atcccnccnc	aggncncncg	ncncctnca	300
nnnntgaann	ccncccccn	ctcnancta	acnngnagcc	acngccaant	tcnnntntnn	360
cgtnncantt	tnactacact	tnttcnnctc	ccntnttcca	ctctnnngnc	ncnnncnnn	420
nggtctnant	ncntncttc	ttntatagac	gntcatcacn	nccaccncca	annttnnctt	480
cancataatc	ncntntance	tncancncnn	anntacggcc	tcnntctccc	ccccctnttc	540
tcacncttan	ttctnctctc	ctctcgcccn	tnctnngcen	ncctccnctc	ccccctnaa	600
tnntctnctn	ntctctccct	ntcnnttttc	gntnancacn	catnncatcn	ccaccacctc	660
ancntatct	atnatcttan	cntcctctc	tcctctnctc	atcaetgttc	nacncctnct	720
cacancannn	atctcctctc	acannntgct	atcatctana	tctctntctc	ntcntacca	780
nanctntac	aanntcttct	ccctctcnca	tctcncttca	ctctnncnac	nntnacnnct	840
taccgcacgc	ctccnctctc	accttcaactn	ccccactntt	cantntcgnc	ncgncctnn	900
gacctctctt	cncncnatte	cannnnctctc	ctcctaccna	tnntcnatte	tcnntcatna	960
ctactntntc	ancatccana	ncctnctctn	cataantccc	ctcgacnntn	ncncacctct	1020
actntgcgcc	cncnnnccac	tttctctctc	cnntangtca	cctaccaanc	anntnnatct	1080
nnatttctan	tcnantacnt	tacct				1105

<210> 4137

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4137

nnnttttntt	tnttggngnn	gnnnagtgng	gggttttctt	ttttntaan	ngctgcgcta	60
cttgttcttt	ttgcaggcat	cccatncgat	tcgaattcgg	cacgaggaga	tccaagtggg	120
ttagaagggg	atgattgctg	gtgaaggttc	tgaacatggg	gacaggtggg	aggctgagca	180
cacactcgta	caccgctggc	aggaagagaa	atgacttttc	tggactacaa	tttggagata	240
acacaaacat	taaaaagaag	aaaaaattgt	atcccttttt	gactaagcaa	ttctaggatt	300
gttatttttt	tctcctgagg	aaactagcat	ggatgttcac	attcaggtgt	ggggatgttt	360
atcaatttgc	tatttttagaa	aagagaaaaa	aagttagtca	tgtcacaaga	taattttcat	420

caatatatgg	tacatccatt	tagtgaaatg	ctgtacagcc	atttaaaaag	atacagaaga	480
ggccaggcac	ggtggcctta	cttggcta	taaaaaaaaa	aaatctgtag	agatggggta	540
tcaccacgtt	gcccgagctt	gtctcgaaag	cctgggctca	agtgatectc	ccacctcagc	600
ctaccaaagg	cctctagaac	tatagtga	cgtattacgt	agatccagac	atgataagat	660
acattgatga	gtttggacaa	accacaacta	gaatgcagtg	aaaaaaatgc	tttatttctg	720
aaatttctga	tgctatttgc	tttatttctg	aaccatttta	agctgnaatc	aaacaagttt	780
ncnn						784

<210> 4138

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4138

ctntntnggt	cctnnnnngnt	ggctttctaa	tgcntaannc	tgntgggtctn	gtntntttctg	60
caggacccat	cgattcgaat	tccgacagag	gtggtagcctt	ggcttttaggt	tttcattcgc	120
acggaacacc	ttttggcatg	cttaacttcc	tggtaacacc	ttcacctgca	ttgggtttct	180
ttttcttttt	tctttctttt	ntttntntg	agttgttgnt	tgnttttaga	tccacagtac	240
atgagaatcc	ttttttgaca	agccttggaa	agctgacact	gnctcttttt	cctnccctca	300
tacgaaggat	gtattttaa	gaatgctgg	cantgggaca	tttngtcaac	tatgggtatt	360
gggtgcttaa	ctgnctaata	ttgccatgtg	aatgttgat	acnattgtaa	ggcttatgtc	420
actaaagatt	tttattctga	ttntttcata	atcaaaggct	atatgatact	gtatagacaa	480
gctttgtann	gaagtntang	ancancnatt	tctgtacctg	atcaagttta	ttgcancctt	540
tcttttccna	ttnttttct	ttaagggtta	gtattancaa	atggcaatga	gtcnaaaagn	600
tancatgaag	atttttnaan	gagagaactt	accggacaca	gattngtgan	nctttgactg	660
gggacaccta	ttggatgtga	ttcttaaaaa	gcttttnatt	ggagccattt	ngccaaaatt	720
ttgnaaanct	ttcatagggg	gnattggacc	nttattatcc	natnaatncc	ccctcctata	780
ttnc						784

<210> 4139

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4139

tnngnnnnnn	nnntggggnt	ttcaatnttt	cnaantgngt	ctngttcttt	nngcaggatc	60
ccatcgattc	gcaaaaagcca	ccttttcttc	gaaactccct	ggagcgacgc	agcgtccgga	120
tgaagcggcc	gtccccaccc	ccacagcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	180
tgatccgtac	ctcgctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	240
aattgaccca	ggagatctcg	gtgctgaagg	agctcaagga	gcagctggaa	caagccaaga	300
gccacnggga	gaaggagctg	ccacagtgg	tgngtgagga	ccagcgtttc	cgctgctgc	360
tgangatgct	ggagaagcgg	nagatggacc	gagcggagca	caagggtgag	cttcagacag	420
acaagatgat	ganggcagct	gccaaggatg	tgacacaggc	ccgangccat	agctgtnagg	480
aaccncaga	ngttcagctt	ttcangaaaa	gctncatgga	gchnaatcctt	ctgcctgatg	540
aagtgcattc	cagcatcact	tcagctgtcg	gggcatttgt	ngggagaacc	agaccacctc	600
tgcggaangc	agcanaccct	tttcagacca	tggatngagt	ttgaattctt	ctataaaacng	660

```

ntcaccatca naccacccaa ttcattttcca ttgctttgcc tatagaggaa atttanannaa 720
tcanattnaa tgggtttcact ttattttnaaa ancnnnnnaac tctaaaaaact ntggncct 778

```

```

<210> 4140
<211> 762
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G

```

```

<400> 4140
tggttntctt gntgggggtgt tccttnttnc aattatgtgt tctcgatcnt gtngcaggag 60
nannccngcg ntggccggtg tgttgcccag actggncttc acctcctggg ctcaagtgn 120
nctcctccct cagcctcccc aagtgtctggg attatagatg tgagcccctg caccagacaa 180
ttatatattat tnttaaaaaac gccctcatg aagtctgggt aattctctcc agatttctcc 240
ttatcaacaa atttataaga gttaggaaaa aaatgatgta aataaagcac ttaaattgcy 300
acagtggntc tattcttaac atnataatgc ttatgactaa ggagcattct tntnnttata 360
aannaaatgt ntntctgnact gttagantac atgagggtca gagacnttat nagtntgtaa 420
gaatgcnttg tggattntnc taannnatca cctacagtaa tgggctatgg ctaacaccct 480
ttnacaaaat ngaggnnac anatgaaatt ccagttanag atcataangg tgtctgcggt 540
gaccntagt nntnctnn cgattacngg cgcnaaattt aacgatganc tnncagctca 600
nnagntttgg annatttnng ctnaaatgct ctcttgaca ctaccatact tagcatatnc 660
ctgggaaata ctaaccgaat aatatncctt taaaacaccc cggcctcaac agataagatc 720
tatgatctaa cgtttnatc ttttcacaca ttattattaa tn 762

```

```

<210> 4141
<211> 860
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

```

```

<400> 4141
tgggttnnng gnttgggggt ttcaantttt gctaanagct gggctactng ttctttncgc 60
aggancccat cgattcgctt ttctttgcag tatgaaggta gataattctt caagttaaag 120
atggactttt ttcaccagaa atggctttat ggaatcaatt tgcaaaaatg taagaggtgg 180
caaaggaaaag aataaaaataa tattttcatt ttctttctgt attcttagat cctttggtag 240
attgtaaaact ccatgaaagc aggatacctt cttttgccct aaggcttggc ccaaaagaga 300
taccaaaaaa atacttgctt atatactaac ctagtctctg ggtgtgggag ccatagaggg 360
ttcanggtgg ggtggtgggg aagggtggng nntnctgtat atccgaaatg ttnctcatn 420
naangnatth nnagcaagtt tangaangan ttttgctnaa tgaaatngnc anagaaccat 480
naanttncat anatgccnat gccnaaagc ngccttttga agctttatct taangntctc 540
acccttcata acnncctaac gnatnacntn tttccttanc tttggnattn natannnaac 600
atangctcnn cgtttattca anantccana acctnggng gcnnttatan tntctcctnt 660
nccnaacct ttggaaant naanctggg ncnttttnc atttctctc ttttttanca 720
natanatann ncnnctnct tctntntana nntnnnctcn nnnnctnct cntnctnct 780
ctttntntnn ncanntnct cntctannn ntttncntnn acannctnnc tantnnntn 840
ngntnctcc nttntntnc

```

```

<210> 4142

```

<211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4142

nagngcnntt	nnggtggggg	tttcnaattc	ncnctaaaac	tggggctact	cntnctntcc	60
gcancaancn	ngcngntcga	attcggcacg	agaagggaga	ggcagtagga	ctaggagtta	120
aattgtcatg	ccgaggtctc	tgagcatggg	tgggcctgtc	agaattgtca	tcgctcactc	180
tgttgacttc	cagcagctga	caggcaaggc	cctaggaagc	tcttcagcct	cctttccttg	240
ctagaggtgc	tgttttccct	ggaaatgttc	aagccctgca	aatcgtttct	atagtaacag	300
gtctctgtct	tttttcttat	gatgcagatt	tttgaaaagg	tttcttatct	aaatgttctt	360
gggatctatg	gtcttcctac	ctgtagctcc	tttgattaga	cagagccttt	atttaaagac	420
ttttccccc	aagaatgttg	ntggtgcttc	taccaaata	ataaccantn	gntagtttta	480
ctagtgttg	aagtnttagt	ttattaataa	agcttcatnt	naactatnaa	aaggantggg	540
tgngtacnaa	tagtaatacc	ngaaaaaact	aatattcact	gntnctctca	tgtattnngn	600
aactttaatt	nttnattatg	naaaaccttc	aaacataana	gtagtcaaaa	ttatataata	660
gacacctata	tacttaccac	ctanattgaa	aactaacatt	cttgccatat	tggcntacnc	720
tattccatac	tgatagtaaa	ncntagacca	tgtattttaca	nn		762

<210> 4143
 <211> 783
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(783)
 <223> n = A,T,C or G

<400> 4143

attntacagc	tcttgttctt	tttgcaggat	cccatcgatt	cgaaaagggtg	gccatgtgag	60
aaggactcag	caagactttg	ctggctttga	agatggaaga	atgtggccaa	aagcctaggg	120
atgaatatgg	cttctagaat	ctataataaa	caaggaaaca	ttatttccca	gagcctctag	180
aaggactgcg	ttttgctttt	gcctcggttt	tagcccagta	agaccatttt	tagacttctg	240
atctttggaa	ttgtaggtta	atgcatttat	attatttttaa	gccactaatt	tctggtaatt	300
tgttacagca	gccgtaggaa	attaacatgt	aggaaaataa	acgtttcaat	gcccaggtat	360
actctgaggt	caagccagag	aagagttggg	cagagacttc	aaaaacgatg	aaggaggggt	420
taggaaggtc	ctagcatcag	tggaatagaa	taaaattact	cttattaaga	ggggaacctn	480
accnttagng	ganaaatnct	gnaaatgggt	ctgagacaaa	atgcnttana	gcaactgggtg	540
ctagaaaaat	caaacatagg	agatttagga	anatggangc	ttgcaatgaa	ttatgattgc	600
atcactatat	ttcanccctc	atccctgtct	tccagaaaaa	aaaaaaatng	gggatttnaa	660
aggtttattg	gtnccttaang	gccagccent	ttgaaaaanc	cattgggtttt	tggnaaagga	720
aaaagggcca	atttaaaaang	ggacctgtnt	tngtaccagg	ctttgttgna	tttgggaaaa	780
aaa						783

<210> 4144
 <211> 1063
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (1063)
 <223> n = A,T,C or G

<400> 4144

nccccntnnn	naaggggggg	tgggggggtct	caactngcta	gcgggtgtgna	cnnchnaactn	60
gccnaaaaga	aggntggggc	natccngcac	gagntgacgg	ngcgggntcg	ggntttgntg	120
nttggnanaa	nccttccnat	atctccagtg	cggganncac	tatctggtat	ctctattgac	180
ctacggggang	ctttcctnag	tcantcgcta	cncactgna	ctangngana	ccacgcnaen	240
ntacncttan	atnctcnng	cacatctgaa	ntcacnngga	ngnttagtnc	gcagcgnccg	300
nntccacann	ccngatcac	gcgccctcnt	nncnaananc	atannctcac	ttgntgttnc	360
nccgnntann	ttangttngn	ccnaacaaaa	ncttacnncn	ttntcagnan	nactccacct	420
cttccnccga	aactnnncnn	acngnncatn	nnancnngct	tcnngcnct	ncnnnnnnngc	480
ngnnccannt	nntnaatngc	cntcnnctca	acacgcccaa	accttacnta	tatncttttn	540
accacncttn	ncnnanccct	ctaccncccg	anctctcggt	necccatnt	cnantctcnc	600
tctcnchnacn	cncctctctc	nccnncctca	ttccccccnt	naatngnncc	tncatcnac	660
nacnttgnat	gacntcttct	cnnccntacc	naccnctct	ccaactnct	ctggcaaaaan	720
nntcctcnen	ttcatatact	antnnntatc	tnccctntgn	acnntcttnc	ngncgcaaaa	780
ntcanctect	acacnnnaca	cntnnncnctc	ncgctngcac	ctatctactc	aactnctatg	840
cactcatcgn	nnncaanac	tnacctcnca	aactctntnc	nactnccnca	nancccccca	900
cnnanacana	ngcgncaana	caccnncaca	nanggcgata	cncttatnac	nctcngancn	960
nanatcnccn	ctctacnenc	nancatncac	gtntctcnct	atcatcngcg	ntcnncnaac	1020
tcagcagttt	annacnccat	actnnctnca	ngggtcaan	tat		1063

<210> 4145
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (996)
 <223> n = A,T,C or G

<400> 4145

gcncctttgna	annttttccct	aatgctgggt	ttgctacgga	aacccttggc	aaatccggca	60
cgagcttccct	gtgccagggg	accgtggaga	aagtgtcagg	ggccgctcac	tgcagcantt	120
ttgctctgct	gctncccnng	gcagcgtntc	gngggtnngta	cacaaaaana	gctgggtgtn	180
cngggcgggt	gcttgnaatc	ccanatactg	nangangctg	aagctgcatt	atcgcttnaa	240
ccnggggggn	acgangangc	canggagnca	aaatgggggc	tnntaganca	aaactttgtn	300
tcanaaaaaan	aatgaataat	nanacaagaa	aatggganaa	gccccataa	cttacnnngt	360
ntctcntggc	cnaangcaaa	aactccactt	gnaaaagccan	ganaaaacgg	ggnaananca	420
aaacaaanct	atcacntgga	ccnnnaaaca	naaaanccaaa	ggattnnct	tccccnaaat	480
tggantnaag	attcaatgga	catgggnacnn	aaaaatncag	nggtaccgga	actccngana	540
ngcnntacag	gttgcncaaa	aangaaaccn	naaaannccg	ggagngnttn	attaaagggg	600
ggnatttncg	cncantttta	agggaaaggg	ccaccaagn	attnagnac	aacacnntgt	660
tgacgggaan	tccattntnn	gcgaganaaa	nggntgntac	atcccccaatt	ntanaaaaang	720
gcctnnaaaa	aaanatnttt	nnaaccncac	naaatcnttt	ancactagg	gatttcnaaa	780
aantagccnn	nnnaatatn	gggggaaaaan	aaaancgatn	nnaganatca	tacnngaaa	840
aaccnngggg	tnattngana	ancacnttt	nnaagntann	ggggcatngc	ancncaaagg	900
gngcantaaa	nanatagncn	ganagnacat	tanaaccct	tggtganaaa	aacccccagn	960
angncccaa	anaggattgg	ctnnaaaaaa	aaaang			996

<210> 4146
 <211> 783
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4146

ttnaagctna gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgagct	60
aagccccaaa acgaacttca aactgggtgt ggtggcacgt gccttttagtc ccagctaccc	120
gggaggctgc ggcaagagga ttgcttgagc ccaggagtgc gagtccaacc tgggcaaaag	180
agtgagaccc catctctaaa accaaaaagg taccttagaa ggtcacctgg ttggctaacc	240
ttttaaaggc aggggcgtga cacgtaggac acattgggaa tgtcttggct actacatgta	300
gccttctggg atatatgtgc ccagagggag aagcactgag cctgaagaaa ctagatgagt	360
ctcagaacca cagaccggcc agaaatctct cccaccatta tatcagcgtg atacaggtct	420
acattcattt ctacaaacag gaacaagtgc cttgcagcaa taatttantt tattaacttg	480
gnttttttaa ttnacccttc cttttgaggt taantttcat cacattatgt tcaaanattc	540
ccatatnttc cgtaaaatta ccagcttaat tacangggca tttgttccca ttgggttant	600
tnaaaaatca ggangtttat ttaaaaaatn cctgagttct ttaagggctt ggctttaacc	660
ttttcaantt tccacctggc ctttgtanaa aaccagttca agcttggaaa accaaagtgc	720
tttnatttgg ngggtcantt tcttgncaac ttttttggac tttgannccc ttggacanna	780
ctt	783

<210> 4147

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 4147

ggntnttnaa acnnnagctc tngttctttt tgcaggatcc catcgattcg cccggaagca	60
tccaggatgt gggaacattg tgacatttgc acaattttta tttattgctg tggaaggctt	120
cctctttgaa gctgatttgg gaaggaagcc accagctatc ccaataaggg ttctctaatt	180
gccaacatga ttctaggaat tatcattttg aagaaaagat acagtatatt caaatatacc	240
tccattgccc tgggtgtctgt ggggatattt atttgcactt ttatgtcagc aaagcaggtg	300
acttcccagt ccagcttgag tgagaatgat ggattccagg catttgtgtg gtggttacta	360
ggtattgggg cattgacttt tgctctctg atgtcagcaa ggatggggat attccaagag	420
actctctaca aacgatttgg gaaacactcc aaggaggctt ttggtttata aatcacnccc	480
tttccaattt tccgggtttc gcntnnttgg gnttnccgaa tttnttnnac ccatgccant	540
tcttattcaa ataaagtcct gaagttattt tgnaaattcc ccgntcattc ggggaaatgg	600
accccttgcc ccaatcaatn gtggggnttc ttaacccttc cttnattgga aaccattnat	660
tcnacctcaa aacccccctt tnaaccnctt gnggccaaact tggcttgggc accttggttt	720
gggctttcaa ttgggggaacc tttaatgggt ccaccnnaag gtgttgggaa caaccctagg	780
ggacccccca aaaaagtgga gccctcanaa nggacancca tnaat	825

<210> 4148

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 4148

tttntaaancg	ttagctctng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
acaccctgga	ctcctgcagg	ggaggacaca	cggaggtgga	caactgcaga	tacacttact	120
cggagtggca	cagttttact	cagccccgtc	ttggtgaagt	gagttttcct	aagtggccta	180
caaattctatt	ttaattttct	ttaaacttta	taaataacta	actggattct	gactataatt	240
ttcaattaat	tatgaatcta	ctaattctac	taattgaaag	ctattatfff	tcctcaatff	300
taatttagtt	atgttcagat	ttaagtgggt	atttacttcc	cctcctatff	ttttaattga	360
aagaattact	aaataatgtg	tgatgagatt	taaattactg	tctcatgggt	ttgtgctaaf	420
atttcccatc	tgacaacttg	taccttagaa	acaaaaaatg	tggtaccagc	aanaccacgc	480
attgtntctt	tacttttgn	nnntntnggg	aaanaaaact	gacccccatt	tttaatttgg	540
ccttcaantt	taaatggggg	tgcnatgn	actttttcag	cttaaaaant	tttgaaaagg	600
naaaagtant	ggactttttt	tanaaatgga	acaccctgtt	attacttgct	ggccacatgc	660
cgtggacttt	ttannaaaca	tgcttntact	ggaaatttat	antgggtgaat	ggtttgaaac	720
cggacccant	cttgtgcatt	ttttatgggt	ttgggaatnc	cntttgangg	ncacactttt	780
gttaaaaaatn	aa					792

<210> 4149

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 4149

tnnnntttcaa	atncnaggct	actngttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagnnag	ctcancnnat	gtatnttgnc	acttggggagc	atcatctttn	caagggccac	120
tttgagggtga	aatggntntt	ttacatactn	agcatcaatt	tggnccataa	atcaggagac	180
attcaccctt	ctccacccca	atttccaaca	tcccctcctt	tgnaagagaga	gcactntnga	240
anccactgag	cccnatagcc	ctagggccta	naccactatt	ncaaaaangga	agactttttn	300
atnactatga	canacaccca	nnctggantc	ctctgcttgn	actnaaagct	ctaaccacaa	360
cctntttttc	cagtgcacac	ccttntactc	actaaaaatt	tctntccact	caaaactagcc	420
tggtatgcct	tccctgaacg	gggcttgtgt	nttcccatta	gctcaacttt	gcttacatgc	480
ccaggttnaa	aaccccnttt	cnnacaggcca	gacaaaantgc	ntnantntnt	tcnnacacgt	540
aaaatgaaag	gctcttgng	tnctntnaaaa	ggcctcttan	aaactattgn	ggagtcnttt	600
ttncctgttg	aatccanact	tggtattanga	ttccattgga	tgaaattttg	gnacaaaacc	660
ncnaacttnn	naatgccnnt	ngaaaaaaa	atggctttta	tttggggaaa	atttggggaa	720
ngcttnttgg	ctttaatttn	gnaacctttt	ttaagctgcn	attnaacaan	ttaaccaanc	780
accantggca	ttctnttttg	nn				802

<210> 4150

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4150

ttnnttcaaa	tcgctaggt	actcgttctt	tttgcaggat	cccatcgatt	cggaaccttt	60
gaatagtgg	tgtacataca	gtttttcaga	gctgggtgtt	aataacaata	tttttcattc	120
taatattaca	ttattctttt	tatcatttag	gtctttatcc	gtcagtgtt	ttagagaact	180
actgcacttg	accacaaact	gataaatact	tggtactgcc	ccatctcact	gttctgttta	240
ctttgtctta	aatatctctt	ttttttttcc	caggcagcta	gtacaccact	gaatccttta	300
agctttcagt	gtgaatttgt	aaaactcagg	attgaccttt	tacaagcctt	ctctcaactt	360
atctgtactt	gtaatagcct	gaagacaagc	ccaccacctg	caattgccac	aacaattgcc	420
atgaccttag	gaaatgacct	ccagagggtg	ggtccgcata	tccaatcagg	catgtcttaa	480
ctttnagtgc	atttttttatt	tanccctttt	aaaggntttt	caaattttan	natgaaaagt	540
ttgnaaaatt	tnaaaatcag	nggggtttgaa	ctcanaacat	ttttcataaa	atgtttaatt	600
caactcaactn	gnctnggctt	aaaaaaatag	gctggatggn	gttattanga	aaagataaag	660
tggtttcatg	gtaatctcaa	tgggggggcta	ccataattta	ttttaagag	aaanggneng	720
attttttttaa	aaaccttgga	naangtttat	aacttaatt	nttnatngg	aacttgaaaa	780
ccctaaan						788

<210> 4151

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4151

tggnnccnna	agccctttgc	nacttnntct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggagt	tcaactgcaa	catccgggca	ccttcaaagc	agatgggtctg	gtgcagccgt	120
cctcgtagca	aggagagggc	cgtgggtggtg	gcctgggaaa	ggcggctgat	ggtgggtgggc	180
gatgcacccg	agagcatcca	gtttgtgctg	gatgaggact	cctacctggt	gcctgagctc	240
gatgggggtcc	gcatcttctc	ccgcagcacc	cacgagttcc	tgcattgaggt	tccagcggcc	300
agcgaggaaa	tcttcaaaat	tgctcaatg	gccccggggg	cgctgctcct	ggaggctcag	360
aaggagtatg	agaaagagag	ccagaaggcg	gacgagtacc	tgcgggagat	ccaggagctg	420
ggccagctga	cccaggccgt	gcagcantgc	attgaggctn	caagacatna	nccccaaccn	480
gactncccaa	aaaattntgn	tcanggcccg	cttcttttgg	aaagggtttc	ctggacagat	540
ttccaccgca	aaagcttctt	gcacattgtg	tcaaggacct	gcgtgtgctc	aatgctgttc	600
gggactntca	cattngggat	cccgttacct	attgccaatn	taacagggtta	ccttcaagtg	660
ctgctggaaa	gctctgttgc	ggaaatttac	ccctggcata	caatttccaa	tinctgcntt	720
ctaatacaggc	ttacnggact	ggccct				746

<210> 4152

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4152

gnnnttttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaagt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagtg	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaacaa	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300

tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaadc	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcattggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agntcattg	acattgttc	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttgcta	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4153

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 4153

gnnnttttnan	natacagctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggcaaagt	tccattttgt	tgatctcgca	ggatctgaaa	gactgaagcg	tactggagct	120
acaggcgaga	gggcaaaaga	aggcatttct	atcaactgtg	gacttttggc	acttggcaat	180
gtaataagt	ccttgggaga	caagagcaag	agggccacac	atgtccccta	tagagattcc	240
aagctaaca	gactactaca	ggattccctc	gggggtaata	gccaaacaat	catgatagca	300
tgtgtcagcc	cttcagacag	agactttatg	gaaacgttaa	acaccctgaa	atacgccaat	360
cgagctagaa	atatcaagaa	taagggtgatg	gtcaatcagg	acagagctag	tcagcaaadc	420
aatgcacttc	gtagtgaat	cacacgactt	cagatggagc	tcattggagta	caaaacangg	480
taaagnatta	nttgccaaaa	aggtgtggaa	agntcattg	acattgttc	ganaatgcta	540
tgctacagac	tgaaaataat	aacctgcgtg	taaaattaaa	gcctgcaaga	nacngttgat	600
gcattgaggt	ccagaattac	acacttgcta	gtgatcaggc	caccatgttc	ttgccaaaca	660
ggtgaaggaa	tgaggagatt	agtaattgat	catagttttt	aaagaatcga	aatctaggca	720
aatttngaag	tgaaccngat	ta				742

<210> 4154

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(754)

<223> n = A,T,C or G

<400> 4154

gnnnttttnag	ntacagctct	tggttctttt	gcaggatccc	atcgattcga	attcggcacg	60
aggcaaagt	ccattttgtt	gatctcgag	gatctgaaag	actgaagcgt	actggagcta	120
caggcgagag	ggcaaaagaa	ggcatttcta	tcaactgtgg	acttttggca	cttggcaatg	180
taataagtgc	ccttgggagac	aagagcaaga	ggggccacaca	tgtcccctat	agagattcca	240
agctaacaag	actactacag	gattccctcg	ggggtaatat	ccaaacaatc	atgatagcat	300
gtgtcagccc	ttcagacaga	gactttatgg	aaacgttaaa	caccctgaaa	tacgccaatc	360
gagctagaaa	tatcaagaat	aagggtgatg	tcaatcagga	cagagctagt	cagcaaatca	420
atgcacttcg	tagtgaaatc	acacgacttc	agatggagct	catggagtnc	caaacaggtt	480
aaagaattan	ttncnnaaaa	ggggtttggg	aagcttcatt	gacatgttca	tganaatgct	540
atgctacaga	ctgaaaataa	tacctgcgtg	taagaattaa	agccatgcaa	ganacgggtg	600
atgcattgag	gtccagaatt	ncacacttgt	tagtgatcag	gccaccatgt	tcttgccana	660

cangtgaagg aaatgaggag attagtaata tgatcatagt ntttttaaaga aatcgaagat 720
ctcangggcaa attttttagaa gtgaaccatg atga 754

<210> 4155

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4155

gnnnnnnnttt	nngagggggn	tttggggggt	tttcnaattt	ttctancgng	tgagganctc	60
gaactnnccn	aaanaaan	gcgggtcgaa	ttcggcacga	gatttgattt	aaaaaaggag	120
aaatgttcac	actcagtcta	gaccacttag	gtatgcagag	ttgcatcctg	aaagcaattg	180
ctcacacttt	ccttaataata	ctccctntcc	acctttgcaa	aaccttgatt	ggcatggagc	240
ctcnactgct	tgcatgtgat	acacatgtaa	taagaaagca	ttaaactctc	tggaaaattag	300
gaattgacaa	gataaataga	taaggcataa	agccaatttt	tcacacatgt	ccttaggctc	360
ttgtaaagt	gtgcctgggt	ctgctttgac	ttncagggtc	cgggagggtt	tctctttctc	420
tctntccca	angtgaggct	ggcaagctat	cagnctctcc	agagcaaaga	gaaatggcag	480
gagaattgac	tgcgtagaac	ccacagggcc	ggtagtggaa	aaataaatgt	ctaaattgaa	540
agggtcacac	tngtgtanat	ggtgactgtc	ntgcttgcan	cagctgagga	caccgactgn	600
gtgtagcgag	tgctctgctt	ttcatgttca	catctggctn	aataaagaan	tcacgaagca	660
nacctngcct	tggtctnaaac	cctntgngct	ggacacaaat	gactttgatt	ncaaactcaa	720
gtccttggn	ntgtcacaaa	ggacnaacc	ctggctggga	caaaanccta	cna	773

<210> 4156

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4156

gnnnttttnn	nnnttttnnn	nnnngttntt	gaccanaggt	aanacnnngg	gaattntctc	60
ttctgcagga	tccntcgat	tcgaattcgg	cacgaggcag	aaacaatagt	caggagtttg	120
agattnggct	gattaacatg	gtgaaacccc	gtctctacta	aaaatacaaaa	aattagctgg	180
gtgtgggtgg	gggtgcttgt	aatcccagtt	actcaggagg	ctgaggctgc	attatcgctt	240
taacctgggg	ggcggagggt	gcagtgagcc	aagatggggg	caataagagc	aaaactttgt	300
ctcaaaaaaa	aataaataaa	taaaaaataa	aatatgtcaa	gcccccttctc	ttcctgtctc	360
ctctcgtgg	gtgtacttga	ctcccccttct	cgccagatct	cacaggactt	tcagatttaa	420
gcaataacctg	gccaagaaac	aaaagcaaaa	tcattccatt	cccccagtg	attcagatca	480
aaactggtaa	taaaatcagg	tcgactccaa	aaggagacat	tggagaagaa	cgaagcgggg	540
tctataagga	attgcacgtg	agatggcaca	catatttatg	ctgtgtgagc	attacaatcg	600
cgttaccata	tcaagctgaa	aatgtcacca	ctatctggag	tgttggaat	gtttattggg	660
aatatgtntt	ttctctgaat	ctgctatgaa	cacgtnaatt	gggtgggttc	aataataaat	720
atgtgagact	tttcatttca	aaataaaaaa	ggcaaatgat	gtaaaaaaa	aat	773

<210> 4157

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 4157

cnaanttttc	taatgctgnt	tctatncngn	atnctnggct	anccnacnac	nnnggatncn	60
aattggcacg	aggcttcacg	agagactgac	ngctatnacg	ggtcgtggca	cttaangagg	120
actnttctgg	ccccagngtg	tgctgatgac	acatacacac	ctgacaatag	ctngngtntn	180
ctctgnncc	ttnnctctgt	naccancatn	cacnngatct	aaaacccttt	ctnaatatct	240
atcntggntc	atccttggcc	atgcagngtc	agagctntat	gnacttnatt	acncttnncc	300
ttngaacttn	tnntnagnta	cngataangn	gctatctttc	agctggatga	tnaacgnttt	360
nntctgtacg	nacatggacg	atgntttcct	caaacctcta	naactataga	ccagtcactg	420
ntacntntan	ccagacatga	ttnnatacat	cnatgagtna	gnacaaacca	caactanaat	480
gctgtgaaaa	aaatgctgna	tntgatnaaa	tatgaaatgc	tatcgctata	ttncttccnn	540
catangcngc	ngtnttcatt	tagcaacaac	aattgcatcc	attaaaaatnt	ttttaaggna	600
cantttggan	ngtcccccaa	tnttgnggaa	atncnanggc	cccaaaatgc	cangtgccnt	660
tananacccc	ggggacccca	accttttnga	aaagcgtnnc	acaanaaggg	gtnaaagttn	720
nanncgccct	ggccnnnaaa	anaaacnggg	naataacctn	ggttaacct	gnnntttnaa	780
actnggggnt	ttncnnnttn	aaaaaaaa				809

<210> 4158

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4158

ctaanagttt	cntaatgctt	ncttctaata	ncntaattac	tcaggnggct	cnannnaaca	60
ggcgntgngg	ncnctcaccg	actcctccct	ggtnacacang	cttntgnggg	gccaccaagc	120
ccctnctgng	ccccctccca	tccatantgc	atggcgnttg	gngccccent	ggctccaaga	180
cagatcangc	ccnancttgc	ntctaccnnn	atnccnnctg	anaacgtgcc	actgaatnaa	240
ntntgggaaa	ccagaaaaga	tatacattaa	tttaagaatc	atttactatt	taaatgagac	300
aatcaatatt	attnnagaan	cannnatccc	aatgagaca	atcatnntta	anttncaaga	360
tancagaagt	gaccaatgtc	attnnacaac	acctanaaga	tnnactggtn	nntcaggtaa	420
angtagantt	ttactganaa	ncctgnatgn	atttgacttg	tgcttttgta	ncnntnntnt	480
nccttacttn	tttngntttc	catanocctan	taannatgca	ttactttnac	tgatataaag	540
nnnnatecct	naaaagggtc	tttctnttag	ctntacaggt	nnacaatnat	nnctggngctc	600
ttgacncatt	tgnnacttan	ntnccttann	gcttttnagt	ataantttcn	aaancnnggc	660
cnttttagctt	ttncntnagg	ncanttnacc	cccttnttaa	aaaaangnnt	anttncnngcc	720
nnaaatttgg	ncntgaatct	ttctccannn	tcggcttttc	cantattttt	ataaagccnt	780
gganagggnc	ncaaaantggn	tttggnctta	anttcctntat	atacttanct	cncg	834

<210> 4159

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (814)

<223> n = A,T,C or G

<400> 4159

nnnccttttg	aacctcacng	aaanccttcc	ttctaattct	ggcacgcttg	ganatcgaac	60
tnnctcnaaa	nanatnggtt	tgnggcctgg	ggcccttcta	gcctgagctg	gtgacctggg	120
catctgcacc	ctaaccacag	ctgaccgagt	cagatctttg	tccagtgttc	tgaagatcaa	180
atgccgtgcc	cttttgcaat	ataacaccag	ctgcttttag	tccacagcct	ctgacatgcg	240
atttgaagac	acgttttatg	gagcagacat	tatccaaggg	gagagaaaga	gacaaagagt	300
gctgagctcc	aggtttaaga	atgaatatgt	ggccgaccct	gtataccgca	cttttttgaa	360
gagctctttc	canaagaagt	gccanaagag	acagtagtct	gcatacatcg	ctgcaggcca	420
cagagcactt	gggttggaag	agagaagatg	aaagggacat	ccttggggct	gtgcccgtga	480
gttttgctgg	cataggtgac	aggggtgtgc	tcttgacagt	ggtaaactcg	gttttcagag	540
tttggtcacc	aaaaatccaa	aataccccc	atgaaattgg	acgcagcaat	cttgaaatca	600
tctctaagct	ttgctttcac	tttgatgaacn	agttgncctt	ctattgatcc	caaaagaaag	660
ttttctaagt	taaaaggaaa	ttcctangtg	aatcaacccc	acnagggaaa	aaccacttg	720
ccacaataag	gaaggccggg	ttcccccttg	gtgccnggtt	taangggccc	cntgtaangg	780
naaacacnac	cggggnacct	tttttttttn	taat			814

<210> 4160

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (775)

<223> n = A,T,C or G

<400> 4160

tnnnnttttg	aaanntttcc	taatgcantn	gngaaacttc	tnaaaccntg	gcaatngctc	60
tttctgcagg	cagcccagcg	atncgaattc	ggcacgaggt	tagagtaagt	aaagatatng	120
ttaagaaaag	tacttaaatc	caagaaagag	agtcaacaaa	tattttatacc	attctctcat	180
taagtgcac	tggttccata	aatttaaaga	cagcgggttc	cccataatcta	tggntntgca	240
ttccatggnt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacatg	gaaaattcca	300
gaaataaaca	attcataagt	tttaagttgc	atgccgttct	gagtagcttg	atgaaatcct	360
acaccatccc	cctccatcca	ggctagtaca	tgactcatcc	cctngtccag	catatccaac	420
actgnctatg	ctaccgcgcc	attagtcact	tagtagccaa	ctcgggttatc	agatcgactg	480
tcatggnatc	atagtgcctg	ngttcaggta	acctttatct	tacttaatatg	tgaccccaaa	540
tgcaagaatg	acataatggt	ataacnggnc	tattnnatca	ttaggnaatg	gnantagnct	600
cttactgggc	ctaaattata	aattaaatcn	atcatgggca	tatatattaga	ggaaaaaacc	660
atgggggacg	taggggtngg	nccnatnngg	gggtcaaaan	atccactggg	aagnctnaaa	720
aacatanggn	ccngaggaaa	aggaangagn	cccggaaacc	ttnaattntn	cttaa	775

<210> 4161

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (817)

<223> n = A,T,C or G

<400> 4161

gtnnnctttc	taatggcttg	gctactcgcc	ttctaattnt	ctaatncttg	gnactcggtt	60
------------	------------	------------	------------	------------	------------	----

ctttctncan	gnaccnntcg	ttncgaattc	ggcacgaggg	aagggaggtt	taaggaagag	120
actgtggaca	gaggtgttag	ggaaggtgtc	agagaaggtt	aaggagccaa	catggatcat	180
gggggtggta	cagtgttgcc	agggctgggg	aggattggct	gcagtgtggg	gtacccagcc	240
gctgccatgt	ggagagggac	ctgtcactcc	tgctgtgaac	tctcccttct	tctgccctct	300
gacctcctgc	tggtgcctcc	cattggctaa	acacagttga	tggccagtgc	actggggagc	360
tgttcttgga	gcccacaggc	atctgcttct	tggcacagag	cagacaatgg	attgagtcen	420
ggaggggaagg	gaactagaga	atacccaagt	cccaacccca	ngcgtttgct	gaatgtgtct	480
aatcttcctt	ttctacaaac	ccatctgacc	tctnccctc	ctctccacgc	caagctaggt	540
cccaattctt	cctcaagctc	cactccttcc	accctgtaat	ctttntatc	accctnccct	600
cctnaacacc	ttgggtccgg	ctttacaagn	ttccnttccc	gngacttagc	cctttcccn	660
acctttgccc	aancaaat	tacttcttta	aaaaaaggtg	gcttgggaanc	ctaaaagaca	720
ttantccaan	ggttaaaggc	ctcccttttt	ccttttatcc	ccaaatcaaa	aaccctttta	780
aggctctttt	ttcattcaaa	attttaaaaa	ccccnct			817

<210> 4162

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (871)

<223> n = A,T,C or G

<400> 4162

ttttccnaa	annngcntng	gtaacnctc	tttcaaaatn	ttcanatccc	ttggcaactc	60
gccnchnnac	gcacaagaan	tntngtttg	cgttcttgag	gagctnagcc	ttcgctcctn	120
aggatcacag	gcttncatgt	tgaagctggc	agtgtctagag	gctannnccct	atctgngtga	180
cagcatttna	natntancag	gaccgacttt	gangtttncca	aatatntata	ggcannctgt	240
aaatcatnac	accgtntgcn	atanctctct	tcanctctg	tctnctctt	ntaactgnag	300
caaaagtctt	ttctcangca	acaacnttct	tnntatcctn	agnagnctat	actgtgttcc	360
tnnncatgtt	cggcgaaacgc	tattacgnct	gactncaenc	acncacntga	catngaccen	420
tatnncaaac	nngntangga	aaagctanat	gtctgnangn	tgctnnncgc	ttgangantg	480
ctaanagcnc	tnagancat	ccattanctt	tctnnangct	tgangtttta	nggctnatan	540
nnctntggaa	nttangtatt	ctgggnatga	ccctncatng	cttntnanac	tattnaatcc	600
agacctcgan	cnntannccct	ggaangtncc	ncanccnaan	nantatcctt	gggggaacngg	660
nggtactgna	ctntngatca	ancnnaan	ntgggnantga	nccanttggn	aaattgaatc	720
cntaatcntc	ccctgggcaa	cnnannngng	gcttgettna	aananntgga	accnnannat	780
gcccgtaaaa	ncttccttaa	ttancctngg	tanactgena	ctggcanntc	tnnatanggc	840
naattccana	agnnntgant	nttattcacc	c			871

<210> 4163

<211> 829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (829)

<223> n = A,T,C or G

<400> 4163

tttctaaatg	gcttgggnnn	cnnccttgac	caccgaaaac	gnttggcaac	ttncctctttc	60
tgcangancc	catcgattcg	aattcggcac	gagataat	tttttagttg	tttttgagac	120
tnctctgtca	cccaggctga	gtacagtggc	atgatcatgg	ctcacagcag	cctctcaacc	180
tccctgggct	caggtgatcc	tcccacctca	gcctcctgag	tagctggtac	cacaggtgtg	240

tacctgggta	atTTTTTggT	gtttcttata	gaggcaggat	ctccttatgt	taccacacacc	300
gggtctcaaac	ttctggactt	taggaatcct	cctgccccgg	cctctcaaag	ggctggacag	360
gtgtgagcca	ccaggcctgg	ccccaaagctt	gtacagcagc	atctgcccc	ttatacctct	420
ggcactcagg	cagtgatgcc	tcttggccct	ctggcaaagg	gagcacactt	ccgttagttt	480
tgtatttgta	tggactttta	tacctatgac	gtttctgggt	ctgntaatct	tgTTTTTccg	540
actgattgaa	actttcatct	ctggtatcaa	ttggggnggt	ttcttagaaa	aaagcttggtg	600
gtgaaagggg	ggcaaaaaaa	aagaaaccaa	ngttctgaaa	gttcacctct	ttgaattgca	660
accacccctt	ggtanaaaga	atgggaatca	atnggaatgc	cttggccnaa	TTTTTgnanc	720
cnntTTTTTT	ggcaaagnaa	aangggatcc	aaaaagtggg	aaccgggaaa	aaanccttgg	780
ggnaaacctt	ttgggtnggg	aaanggggtt	gggtngnacc	caattccna		829

<210> 4164

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4164

tcnccctttc	caaaaagcnt	tgggnnnnecgn	ncnttctaac	tttccnaata	cntgggcaac	60
tcgctctttc	tncangcagc	nnntcggttg	cgaattcggc	acgagacttt	caacatttca	120
tgatagaat	aagtaatggg	gggttagaag	aaggaaaacc	tggtgatcta	gttcttagct	180
gtgtggacaa	ttttgaagct	cgaatgacaa	taaatacagc	ttgtaatgaa	cttggacaaa	240
catggatgga	atctgggggc	agtgaaaatg	cagtttcagg	gcatatacag	cttataattc	300
ctggagaatc	tgcttgTTTT	gcgtgtgctc	caccacttgt	agttgctgca	aatattgatg	360
aaaagactct	gaaacgagaa	gggtgtttgtg	cagccagtct	tcctaccact	atgggtgtgg	420
ttgctgggat	cttagtacaa	aacgtgttaa	agtttctgtt	aaattttggg	actgntagtt	480
tttaccttgg	atacaatgca	atgcaggatt	tttttcttac	tatgtccatg	aagccaaatc	540
ctcaatgtga	tgacagaaat	tgcaggaagc	agcaggagga	atataagaaa	aaggtagcag	600
cactgcctaa	acaaagaagg	tatacaagga	agaggaagag	ataatccatg	aagataatga	660
aatgggggat	tgaanctggg	atctgagggt	caagaagaag	gactggaaaa	aatttttcaa	720
ggcccagttc	cagactttac	cttgaaggga	attaccaagg	ggcattacac	aaattttccaa	780
aaaaagcang	aagaatt					797

<210> 4165

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4165

tnnctttcta	atgttttnna	atgctgggtac	cctttcaaan	cncttngcgc	cagaatgggt	60
ccatggctgc	tgtgaatgga	cacaccaaca	gcttttcacc	cctggaaaac	aatgtgaagc	120
caaggaagct	gcggaaggat	tgaagtcaaa	gaattgaaac	cctccaaacc	acgtcatctg	180
attgtaagca	caatatgagt	tgtgccccaa	tgctcgttaa	cagctgctgt	aactagtctg	240
gcctacaata	gtgtgattca	tgtaggactt	ctttcatcaa	ttcaaaaccc	ctagaaaacg	300
tatacagatt	atataagtag	ggataagatt	ctaacatttc	tggtctctct	gacccctgcg	360
ctagactgtg	gaaagggagt	attattatag	tatacaacac	tgctgttgcc	ttattagtta	420
taacatgata	ggtgctgaat	tgtgattcac	aatttaaaaa	cactgtaatc	caaacttttt	480

ttttaactgt	agatcatgca	tgtgattgta	aatgtaaatt	tgtacaatgt	tgttatggta	540
gagaaacaca	catgccttaa	aattttaaaa	gcagggccca	aagcttatta	agtttaaatt	600
aagggtatgt	ttcaagtttg	tattaatttg	taataactct	gnttaagaaa	aaatcaaagg	660
accatgattt	atgaaactaa	atgtgacata	attttccagt	gacttgntga	tgtgaaatca	720
gaccacggac	cttcagtttg	nacctattgg	ctttggaatc	aaccg		765

<210> 4166

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4166

ntctttctaa	ttacttatnt	gtcatggaac	tcccactntc	tcnacnnanc	naggcnntgn	60
cgaattcggc	acgaggcaag	agatttcaca	gacctgatng	tttttnatga	agatcgtaaa	120
accccaaagt	gacttatttt	gagtcacttg	ccaaatggcc	caactgctca	ttttaaaatg	180
agcagtgttc	gtcttcgtaa	agaaattaag	agaagaggca	aggaccccac	agaacacata	240
cctgaaataa	ttctgaataa	ttttacaaca	cggntgggtc	attcaattgg	acgtatgtnt	300
gcctctctct	ttcctcataa	tcctcaattt	atcggaaggc	aggttgccac	attccacaat	360
caacgggatt	acatattctt	cagatttcac	agatacatat	tcaggagtga	aaagaaagtg	420
ggaattcagg	aacttggacc	acgttttacc	ttaaaattaa	ggtctcttca	naaaggaacc	480
tttgattcta	aatatggaga	gtatgaatgg	gtcccttaag	ccccgggaa	atggatacaa	540
gtagaagaaa	aattccattt	attaaagtct	gacagaatga	tattgnattt	gctgaacaag	600
cctatctttg	aactntggga	aaaattattt	tttgacagna	atactctttt	caaaaatggg	660
catttgcttg	atttccanaa	acctttcncg	ttctgggacc	gaattaccca	aatgcccattg	720
gaatttccca	ctgggggggtt	taatgttnaa	aantcccaan	taaaaagttt	ttttcg	776

<210> 4167

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4167

tnncttcaaa	ctttcgctct	tggttttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gagtttttga	tgagacttgg	tatgggccat	tctgggacaa	aattcctctc	tctctctctc	120
tgcggaacctg	tgaaatctag	aaaataagtt	atgtgcttct	aaaatacagt	gatgggacag	180
acataggata	gacattccca	tttcaaaagt	gagaaattgg	gccaggtgca	gtggctcaca	240
cctgtaaccc	cagcacctgt	aatcctagct	ccccaggcgg	ctgaggcagg	aggattgctt	300
gagcctggga	gatcaaggtt	gtagtgagec	atgattgcgc	cacctttatt	ggaaactttt	360
attccagtta	ccaataacac	attcctcatt	tcctccagag	acctcaccag	aaacaccttt	420
aatattcata	tttctagcag	ccttctgttc	ataacaatat	atgcatcctg	ttaagatgat	480
aggagatttc	tctgcacctc	tcctctttgt	gagcctgcag	ggacattccc	tttaatgtcc	540
atatttctac	cagcagtctc	ttcaaggcag	tctagggttt	tcctaacata	cacctcaaaa	600
ttcttgacgc	tttggccaag	cacagtgcct	nacatctgna	atcctaacac	ttttgagagg	660
ccacatggac	aagatgcttg	agctcaggag	ttcaagacca	gcccgggcaa	catatgaaac	720
cctgccttta	aaaaaatcaa	t				741

<210> 4168
 <211> 789
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4168
 gnnnnntttt nnnnnntttt tggaaancct tnnnnnnnnn tttcnaatnc ttgggcnact 60
 cgttctttct ncaggcagcc catcgatncg cctttattca ttttactgt tatccagaat 120
 tccattatat gaatatgcca taatttttaa gttcacgtta ctattgttaa gtgtttctaa 180
 actggaaatt actccagaca atactatgag cacacctgtc tgtggctttt gatgagcatc 240
 tgaatgcagg ccaaacttgg cctgccaaac agtttctgcc gttgtttgta ccagttcaca 300
 ctccctgcc aacagtttct gcaatgtttg taccgggtca cactcccacg gcagcacatg 360
 aaagctttat ttgctccata tcctctcaaa tttagaaata attacaaact tatgtaaaag 420
 ttaaaagtac tatacaaata attttatgcc tgaaagttgc caagttcatg ccatattact 480
 tctaaatatg ttagtgtgtg ttttctacaa acaaggagat tctcctgtgt accagacagc 540
 agtcatcaaa gtcagagaaa ntaacatcag tacattgctg ncatctaag cttactccta 600
 ctcaaagttt cactantttg cttccaaaag tgccttttta tggcaggang gatcanaant 660
 aatgtatagg ccaagcaca ngccctggaa tctggaaatc ccagcacttt tngggaaaac 720
 caaataggaa ggttgcttg gaactcctga cttaaggcga nncanccaac ttaaaccctc 780
 ccaaagngg 789

<210> 4169
 <211> 728
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

<400> 4169
 gcttggctct tggtcttttt gcaggatccc atcgattcga attcggcacg aggttttggt 60
 actaaaggcc gagactgttg tggcgacggc gacctctacg gcaacggctt aagctctcgg 120
 aggagtggca gagtacgac tgaaggaggg gcttctggtt agcccaggtt ccatcataat 180
 gaatggatcc aatatggcaa atacatcacc gagtgtaaaa tccaaagagg accaggggtt 240
 aagtgggcac gatgaaaagg aaaaccatt tgcagagtac atgtggatgg agaataaga 300
 ggatttcaac agacaggtgg aggaggaact gcaggagcaa gacttcttgg accgctgctt 360
 ccaagagatg ctggatgaag aagaccaaga ctgggtttatt cctcacgag acctgcctca 420
 ggccatggga cagttgcaac agcagttaaa tggactgtca gtcagtgaag gtcattgattc 480
 tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc aaggagttaa ttccaggaga 540
 gaagtactga gccgagaaa ctttgaggaa gacttgtctg tccccacatc tggggatagt 600
 aatgcacaaa atggtggagc ttaagaaggg gatggggccg gccaaagggg gcacancggg 660
 aaagggantg gtggcttaca atactgggac tctgagtact aatatgctca gtcttattct 720
 aaaaaaaa 728

<210> 4170
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4170

tctaaacgct	tggnncttgc	tctttctnca	ngnanccnnt	gcgntncgaa	ttcggcacga	60
tctagatatt	gcccacatgc	tgcccacagt	gcacatacct	ttccaccagt	cacatgtgag	120
agggcagatt	ttccaaatgc	tcatcaccac	ttggcactgt	gtggactata	attttggcca	180
gttaggaaat	ggcatctcat	tgttttcatc	ttaatttgcg	tcagcctgat	tactcattga	240
aacttgtag	gttgagaaac	ttttcttaag	cttattggcc	attcaagttt	cctcctttat	300
gaaatgggtg	ttcatgtcat	ttgctcattt	ttatattaga	ttgtttttct	ttttccagc	360
tgacttgtag	gaactctaca	tcttatcaat	attaatcatt	tatcgaaaac	tatttgggtg	420
ccattatctt	ctcctagtca	atgttttttg	tttgatgat	cttttataat	atataagttt	480
ttaatgttgg	cagaagtaaa	gttaatcttt	ttggctgtgt	tgtgtgtctt	gtttgatgta	540
aagatagttt	ctgtaatagt	tttgcagttt	gattgntcat	cttttaggtct	tcaattcaac	600
ctgcacatcc	atccccctca	tcctctttct	tactctgttt	ttctccatac	cacttatcat	660
ccaataatat	ggtcatgccc	tttattnacc	ngntttgcat	atataatttg	gcttgtnccc	720
ggttccttcc	ctana					735

<210> 4171
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4171

tanacnnatt	ggtntgatgc	ntggtgctgc	ctgcgctgcc	ttaagaagct	gagactcaca	60
caagtgttaa	gagggatatct	ctggagacan	ngtagagata	gaccctgtta	cgaatcagag	120
ggccagcact	aagttttgga	ttaagcagaa	acccatctna	atcgattccg	acctgctctg	180
tgctgtgac	cttgctgaag	agaaaagccc	cagtcacgca	atatttaaac	tcacgtatct	240
aagccaatca	cgactatnaa	cacctctact	ttgaatcgga	cgctgctacc	cgatcaatgaa	300
attgtgctca	aggtttaacta	catcctggaa	tcgcgagcta	gcactgcccg	ggctgactac	360
tttgctcaaa	aacaaagaaa	actgaacaga	cgtcgagctt	cagcttccan	aaggagaaag	420
aaaatccggg	cagcagttga	cactggcctt	cagcctnaat	ctgttcccgt	agcttnagaa	480
ccttgccctgc	cagggccaag	tgccctagag	cccaccccgg	tgtcctgaan	tcctnggggg	540
ggaggccagc	cccttgggct	tactgggcac	anggcaagtg	gggctctcng	gggaaaggtg	600
tctgggngcc	cccttangaa	gggaancgct	ggggacattt	gccattggga	cgggaaagtc	660
ttggtttggc	anttggcttt	ngataancca	tgctttgngg	gtcnagacca	ccncctaaa	720
ggagccacgt	ggcngccaa	gccaccttaa	ttgcctggca	cctggcccng	gng	773

<210> 4172
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 4172

tnnnngtttc	ctantnnntg	ggctactcgt	tctttccgca	ngatcccntc	gntncgaatt	60
cggcaccgaga	ggcagtgcact	gccttcggct	ttttttctgc	tgactaagat	ctcctataga	120
gagctacaac	aatgccccaa	agaaaggctg	caggtcaagg	tgatatgagg	caggagccca	180
aagagaagat	ctgccagggt	gtctgctatg	cttggtgcca	gttacacca	gaagtgaag	240
ccctaaaaag	aacatcaagt	tcaagggaaa	atgaaagaca	aaaaagtgat	atgatggaag	300
aaaacataga	tacaagtgcc	caagcagttg	ctgaaaccaa	gcaagggaagc	agttgttgaa	360
agaagactac	aatgaaaatg	ctaaaaatgg	agaagccaaa	attcagaggc	accagcttct	420
gaaaaagaaa	ttgtggaagt	aaaagaagaa	aaatattgaa	gatgccacag	aaaagggagg	480
agaaaagaaa	gaaccagtgg	cagccagaag	taaaaaatga	agaagaagat	cagaaagaag	540
atgaagaaga	tcaaaacgaa	gagaaagggg	aactggaaaa	gaagacnaag	atgaaaaang	600
ggaagaagat	ggaaaagang	attaaaatgg	aaatgagaaa	ggagaagatg	caaagagaa	660
agaagattgg	aaaaaaggtg	aagacggaaa	ggaaatggag	aagatggaaa	agagaaaggn	720
gaaagatgaa	aaagaggaan	aagacngaaa	ngaaacngga	gatggaaaga	gaatgaagat	780
ggaaagagaa	ggagttt					797

<210> 4173

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (813)

<223> n = A,T,C or G

<400> 4173

tntctctacn	nanntcgnga	acccttgntc	ccacgaccct	cgtncgaatt	cgggcaccgag	60
gtgtgttctg	tgggagggtg	tctgtggtga	tgtgactatc	agggtgggcc	tgtgctgggg	120
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggt	gtttgaggcg	180
tatgggtggc	tggttggtgtg	gggaggcatc	ttgtgtatgg	ctggtgggaa	cagcaaccaa	240
aaggtgcttt	ttggttttat	ttgagatcaa	gattgtgttt	ccgcttaatt	actagtttgt	300
ggtctatata	atagaagtta	tttcccaccc	cattttatct	tgacaacccg	tgtttgcatt	360
tctgtaaaac	ttctacaact	tctggtgtca	agaactgtcc	agaagatggt	actgttaact	420
ggtatttcct	ttgatgtttt	gatttttga	gtttactctc	atgcaaatgt	ttcangcgta	480
catacatagg	cagaaagcaa	atttttaggt	gatttgtctg	tntcttggat	gaaatttaaa	540
gcaagcttta	atggtctgac	ttgntcattt	gaaatncaaa	aaaagtaagt	gaaatttaat	600
ggtttngcat	taacctaaag	gaaatcttga	agattnatgg	ttgaaggaaa	ttggtatggg	660
ccatgccctt	tggtggaaac	cccngaaant	cnttttttaa	gtttaaaaat	tgaaaaaaag	720
ggttttttaa	tttgctttgn	ggcgtgttn	taaaattggg	acccccatt	tttanaaatn	780
attttttttc	ccgtcttccc	ttttaccaa	cna			813

<210> 4174

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (786)

<223> n = A,T,C or G

<400> 4174

gtnnnnnttt	tetaatagct	tgggatactc	gttctttccg	caggatccca	tcgattcgaa	60
ttcggcacga	ggttctcagg	ccttccagg	agtcccttcc	ctggacttaa	gagtgc aaac	120
tcttctctgt	ggttctagcc	ttgggcagaa	ttatatccca	gagaccacag	agcaactgtc	180
aagctgctta	ccccctcacc	cagggtctaca	gcctgtgccc	agccctctaa	tttgtgcctc	240

tcttgtgttg	ggggtggtgg	gggttattcc	tttccctttc	ctgctctggc	ctccttgaaa	300
gttcagagta	cccagtacaa	gtcagcttta	aagtacagct	tttagtggtt	cctgggttgt	360
ttctctgggg	cttttagtgag	ggacctttgc	cctctgggtt	ttcttgccct	ctgggtttang	420
gagcatctca	cacttggttag	tatctgggtg	ttgggccagc	ccgtgcctnc	tctagatctg	480
gagccaggcc	aggcaggggc	cacgtgtggg	ccagtcagcc	actacaagat	tttgctaagc	540
tttgggctgt	tggcagcctc	ttggacctca	tgcctggggc	tgaatgangc	tctttcttaa	600
gttggttttac	aaagtttggg	ttttatttat	ggagtgactt	accttccca	ttcagagcag	660
cccaccagc	cagcccttna	accttntggg	ctcctgntgc	ttaaaggcaa	accgcctggt	720
tgggctccac	cctgtgcatt	gggaacccaa	ccacctatgc	tnaccggnat	ttttcctcat	780
aaaagt						786

<210> 4175

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4175

tctaattgttn	gaaanccttg	ttctngacca	tcccgggctn	atgcttgggc	acgagagatg	60
ttcttatccc	caagagctgt	ataattccag	acagaggagg	caggcagaca	cctctataga	120
ggacttagaa	acgactgttg	tgagacacat	tcagtgtctc	ggatggcaag	tgtagtatac	180
cgtagaaaag	aacattcctt	tgggggtgtg	cctaggaagt	tttccagatt	tttactagc	240
gtacatctaa	ggaaaaccgt	aaacacagag	ctgcccttta	ttcctcccac	aggaagaaat	300
gtacatcttc	atggagtact	gcgatgaggg	gactttagaa	gagggtgtcaa	ggctgggact	360
tcaggaacat	gtgattagc	tgtattcaaa	gcagatcacc	attgcatca	acgtcctcca	420
tgagcatggc	atagtcacac	gtgacattaa	aggtgccaat	atcttcccta	cctcatctgg	480
attaatcaaa	ctgggagatt	ttggatgttc	agtaaagctc	aaaaaacaat	gccagacca	540
tgctgtgga	agttgaacag	caccctgggg	acagcaacat	acatggcacc	tgaagtcac	600
actcgtgcc	aaagaaagg	ccatgggcgt	tncggccnac	atctggagtc	tgggggtgtg	660
tggcntagan	atggggactg	gcaaaaagcn	cttggcatga	ntattgannc	cacctttcaa	720
attatgtata	aanncnnggg	atggnaccta	aancccccca	atcccnngnan	anaattaaac	780
ccctt						785

<210> 4176

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (848)

<223> n = A,T,C or G

<400> 4176

cnnnncgnnn	nnncnacnan	nnnncgggn	aacnttcnag	gcctttnnaa	ntcccnnttc	60
naangcttgg	cnatcgnctt	tcnnccangna	cncngcgtnn	cggttggaga	aaccaagctg	120
acaaaaacat	ggtccccacc	ttttggagct	tacagtctgt	tctggggaac	agagattcag	180
ccagnagtca	agaaacactg	gatgccagct	agattatctg	ntctgtgctt	tgggtgtctat	240
aagtacatat	gtggatatgg	gttcatttta	tccctaaact	tagtaccaaa	ccagcattta	300
atatctaatt	ataaatctaa	tntggcctaa	actttattat	tgcacactgc	ctgaacaaaa	360
cctatttgtc	tctatgtaaa	ttntttcttc	atggaacaag	gggtgtgaaat	gaaaaatattt	420
taggatttat	tcaaaaacag	actattctgt	tttcagcttc	agaattgttc	tttgaatcct	480

aaggaacctc	tgtcaacagt	ngaggcngct	gttgaaaaga	aagaaganng	aggcngaaat	540
ctctcangga	gaattatttc	ccnttctntt	ctatttcaga	tacctggagg	ggtggggaga	600
ngtaagaatt	gtaggggagg	atcannnctn	ggggaaanct	gtgaccagct	naatgaanga	660
atgatgattg	aaanaaccct	cttgcatctc	tnagntaccc	ttcngcntcc	cttnnaccca	720
ntggtataaa	atntnngggcn	tngggcaacc	actgaccatt	tgncangcc	ttaattggnc	780
cccaaatatc	cnacactggg	ccnagancct	taaangtctc	cagcacccga	cncnntnana	840
anncgnncc						848

<210> 4177

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (836)

<223> n = A,T,C or G

<400> 4177

ttctaaanan	ntttgggnnn	gtgnncttct	aatttttcnn	atacntggcn	actcgnactn	60
tctnnangna	gcnnttngnt	tngcgaattc	ggcacgtagc	tgagcacctc	gtctctataa	120
aaacaaaaca	acaaaacata	aacaacaaca	acaaaaaact	atgtgatagg	catttgtgta	180
ggcactagaa	aatagtgtct	aaacaacaac	aacaacaaca	aaacatgatt	cttgtctcaa	240
agaatgcaca	atgttgggga	aagacaacta	aaaagtnata	aaacataaaag	tttgaaggat	300
attatgatag	angaatnata	ggatacgttc	aatcatttga	aattcntgaa	tgtcatcctt	360
ttgggtggag	caccgagagg	gtttgtgaaa	aacttcccac	ataaagnaat	ntaancnatg	420
cattnnntaa	aaatactnat	gtnttttnaa	aaatgaatat	ggcaaataaa	ctgtntctgcc	480
tancatntga	tnaaggnttc	acttttccat	nccnanggna	ttagcttatn	nnacttcana	540
catttcaaan	gtggaaaaga	ctcancanct	tcaaagcaac	catttcttga	aagttaaatt	600
tcntgtgan	tcgttcanaa	tttnaatnct	tgggaaaaat	gaacctgcaa	taagaanaaa	660
aattggtttc	actttttcaa	tnggggttaa	aggtttctgg	acttcaccca	aagtggcttt	720
ttncaaatgg	gggggncccn	taaaanctaa	tatttaatat	nggaacttat	ntttgcgggt	780
tagcncnngg	gggnatnctt	ttgncaaaaag	gttttaaaaag	ccaattnggn	aangnt	836

<210> 4178

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (775)

<223> n = A,T,C or G

<400> 4178

ctnncttttn	ncctnaagtg	aaatcgttcg	gtttancctt	tngcaggatc	ccatcgattc	60
gaattcgcca	cgagcttagt	tccacaaata	attattgatt	tgtttaagcg	tgatgtatgt	120
gcttgctcaa	ggaattagaa	gatgagtatg	acaaagctca	ttccctcagg	gagttgagtg	180
tttcagaggg	atgaagtaaa	agaagatttt	aaaactacaa	gtagagtgtg	agaagtatca	240
cgagaaacat	caacaaaggg	ctgaggatag	aagggtgata	gtctcaagta	tctcaagata	300
ttcagcagtg	aatcttaaca	taaatttgct	tttaggggaa	gaatttcaag	catattgata	360
ggtcttaaat	tttctagtct	ctctgggata	gtaggaagga	gaatgatttt	taaaaagttg	420
attatgtagc	atggagtttg	gggactagta	aaaattttat	tgaaattatt	tgggaattgt	480
tttacagttg	tttttagtgg	aggttgatgt	tctgaaaata	ttgcatttta	gtgtgatgat	540
ttactaaaga	agtagcaggg	acttatttcta	aggttaggaga	tagaaaaact	aataagtaaa	600
aatctgctag	caacttttaa	tggctgtcaa	acttttttta	atgattaagt	gctaattgggg	660

ggcagatgga aattgtaaag ccagtgccan aacaattgag gtatagaagt ttttttctgt 720
 caattgctct acttttgaaa gagaagaaaa ttnganggca aaatttaagt cattt 775

<210> 4179

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4179

tnnngttnc	ntattanntg	ggtaatngct	tggntctngn	nctttctnca	agatnccatc	60
gattcgagc	gatagcccaa	aggctctgca	gtattccctc	caatggccaa	ggattccgtg	120
tgtcatctgc	aggagtgagt	aggcctgctg	tatttcttgt	aactgctggg	tgttacaaaa	180
taagttacaa	tgttttacac	tttaaaaaaa	aaaaacagaa	ggaacatttg	ctttattggg	240
tacttactag	tttagcctct	aggttatggc	acagcatgct	aaaaaatcat	gtgtttaaaa	300
gtaaatgttg	gtaaaatgct	ggcatctggg	cctattgtgt	tgatgcattt	tcacttctgt	360
ggtcatagga	aatggactgg	tctaaagaga	gtgaggcaca	acacaagcag	ggcattagtt	420
tgaataggaa	gtcaatcata	tttggtttta	tggcctgggtg	tattttgggt	ttaagataaa	480
atagggaaaa	atgtcagaaa	tgatccctat	gcatttattt	catggatccc	ttaatttcat	540
gggcatgcct	aataatgac	tatgttctaa	ctggagctta	nggcttattt	tagatattgg	600
gagtgtagct	tttatttacn	agatggattt	tatctttcaa	catttgcatt	ttgatcaact	660
tttgtaatat	tcaccgtgta	tttaaaaata	ttggtgcact	taaaatgttt	tncccctnng	720
nttncctttt	atattgggtc	caaaggcant	ttantcaagc	anctntttgg	naatggaaac	780
tcaatgttaa	anttggcntt	gggttcaann	ggaaat			816

<210> 4180

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4180

tnnnctttct	aatgcttggc	tactngtctt	tccgcaggat	ccctcgattc	gaatccgnca	60
cgagggnggc	tgccgtntnt	ggctttngct	nnaagggcna	ngttcgggaa	ccgttccaca	120
ncatcctgat	gtcctgaagg	gactcactgn	gccattggcc	agcagtcgnc	attccctaag	180
gtgctgtgat	ccanaangcg	ggntgngaga	nattggggcc	ctaccctact	nactntnncc	240
cacaccatgt	ntaaaatact	cannntntnn	angggcnnaa	nacngctatc	tggaacccna	300
tcaggntctg	gnaacactgt	tnaaaagtcc	cctttcatgt	tggaacccatg	aanagaccac	360
ngaccacgng	gtacntggag	ctcgatntcg	anagttctca	agnggggaact	gaggggactt	420
ccactnctnt	gggactnngg	tcnactnncg	tgnanancgg	gacnactaca	tnntggntct	480
tttctganca	ccaccctntt	ttcacgatgg	nacntgtaga	agggaaatgc	tggaanngatc	540
catcctntnt	gntctcttct	tengccctaa	atgntctgcan	ncanntccgn	ncngntnctn	600
acctgnnngg	tccttttggc	cccngcnttg	ncatgantac	cngnntacct	gcacccctanc	660
ctgacacnnt	ttgntcttat	cgctgcagtg	anggaaangt	gggtgggtat	ttttccccaa	720
taaagacttt	agacccctnt	tttntct				746

<210> 4181

<211> 865

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(865)
 <223> n = A,T,C or G

<400> 4181

cgtnnccctt	ttcaaagtgc	cttggctact	cgccctttacg	caggatccca	tngatncgaa	60
ttcggcacga	gccaacctgc	tgtccctcaa	gccccgcttt	taccagcctg	tggagttcag	120
gagggcgagac	atnctggcct	cctttgagaa	ctgatgggat	ctacccccctg	tccacgcngg	180
acagtntctc	agaactgggt	catagaccac	ctgtgttacc	aacagccaga	tacctaatec	240
ctgagccctnc	tttgggaang	tctggggcgcg	agggctctggg	aatntgcttt	nttttttttg	300
gacagagtct	cattctgtca	ctgcactcca	gcctgggtaa	cagatcgaga	ctcccatctc	360
aaganaaaaa	anaagganca	gggcatgggtg	ntagtgtgac	tggggtncca	gctacttcan	420
aagctgaggt	gggaggatcc	cttgagccct	gtaagcggag	gctacagtga	cctntgatgc	480
cantgaactt	ncgncatgc	aacagaacct	gtcttaaaaa	aaaaagtaat	taanaatttt	540
aaaattcaaa	agtgggacta	ttnatnggtt	aacagaactg	nntttaanaa	tgccttaaaa	600
atgggtggcnc	cattttttttt	aanaacctnt	gctggntntt	attggtnaaa	aattgnantg	660
gntcttncen	tggccnnngt	cnntnaaaaa	ttntttngna	ngggcnagnt	tttatngtna	720
attgncctgn	aaatntgnnn	aanatttcat	tcccananna	angntnnnt	tcccttaaaa	780
nnngnactn	aattgccttt	actgttncce	ntnaanttta	aacnacnnat	ttntntntaa	840
accttttnaa	angnaaccen	nnccc				865

<210> 4182
 <211> 989
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(989)
 <223> n = A,T,C or G

<400> 4182

tnccttgggt	gaaanccctt	tgctcctttn	tncctnccgtt	tgncatncna	ttcgctcagc	60
tgaggcaatt	aaactggaaa	agaaatagat	tgaaaagata	ctntngaaga	agcagtacag	120
aagttggggg	actgaaggag	agggagccac	tgagggtgct	agctgcttaa	ggggatacca	180
gtcctttttac	agatataata	gatacagctt	ctgagggtgga	gggtgatagg	agtgtgtatg	240
agaaanttgc	agnttnacaa	ctgctcntgc	ctcctnggca	anaggannan	cntttcncen	300
nttncnnccc	ttatngnaca	cacattgncc	tgattggncn	tncncngct	agcttncagt	360
cttnantnta	ctcannagnn	nnnggggaa	cncctntcn	nantatgntc	ccttttcctc	420
tnnctnnccc	nnatancacc	cnctcncctt	tcctttctaa	acttncacan	ntccctgana	480
atgncttccg	aatggantct	tngaatttct	ncgcccctnc	ntcttcataa	tcnttttget	540
netcengctc	nccctcattt	tncctacgtnc	cnccttctnn	ttactgnct	ttaaantnta	600
ttancnnent	ntnctntn	atctncaant	ttcnnnccn	acnnnnnttt	netntntnca	660
aatecggnna	aataagtntt	gcncactcnn	ntnctanent	attntccctc	gcnttntcn	720
tcctctcccg	cnnactcac	ntnnnnnnnt	caattntntn	nnacnncnc	tgctctacnn	780
ncnatntctn	tncctncaca	ccctntanct	tntcncctan	aatgcctttt	ctnccttann	840
netntenttc	ncnnatctan	ccaantttnc	tttnacatcc	cctnncnnntc	tnncccgacn	900
atatntnacc	tcttnnactn	cagngcctan	nacnccccn	ttntcncntn	cnetctcann	960
cttntnttna	tcttcatnna	tcannccnc				989

<210> 4183
 <211> 820

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4183

tnncctttct	aatggcttgg	ctacnggctt	ctnaagnatc	cctngtttcg	cagctatagc	60
actaggcagc	cttgcatcct	gggtgttgaa	agtgcaggcc	attatcctcc	cctctgacct	120
ccaagatgtt	aggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	gggtatgatt	180
gtactagtgc	ctagtacata	aggagtgtct	caaagattac	atgagtgtct	ttaaagtcct	240
tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	tttagtcctt	300
cttggagcaa	tggatattaa	aatttttaaag	acagttgtct	gntnaggatt	ggncatgcag	360
cctgaagttt	naaaacaaat	tgcacctgnc	tgtgtncatg	ggganacttt	ttaangccct	420
ggacctnatt	agctnaatgg	gctgtggaan	tgnatggggc	cttttgnagg	gcncnntttt	480
tnnaaacccc	naaattttan	aaagnttaac	cccagannct	tnattctnca	ttttaactgg	540
cctnttggna	gatatatngg	cagaagtttt	tanaagggtn	naaaagtttt	ttttgcncn	600
anaaaaangg	ggcttaaaact	tttttaattc	nnggggtngg	cgcennaatt	tttcaataaa	660
aanntttcan	gaattattaa	nnggggtngg	atnaanngan	ttntntnttn	anaaaggatt	720
tttaanaaat	ttggggggaa	gaaccnnaat	tattaacngc	taanttatatt	natggcttcc	780
gacttttnaa	ngtttttnga	aanannccna	nntttattnn			820

<210> 4184
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(810)
 <223> n = A,T,C or G

<400> 4184

tnccctttnc	taatgcttgg	nataccttgg	tttccaatgn	ttnccagggg	tnctgtgcact	60
ccagcctaca	tgacagagtg	agacctgtgc	tcaaaataat	aatantaatg	nactgagact	120
cagaaaagat	gttngntcaa	ggttacaaan	ctcanacngg	acagggcagc	attggnaacc	180
aaaatnggtc	tgactcctan	gctcatgctg	naaatnacng	tgcaaggctt	ntactatcta	240
tnnttttctt	aanngaattg	ctaaatgnac	ngatgggtta	catattacgc	agaatatgtt	300
aaacgtcaaa	tgaactgtnt	naacnataaa	tgctggagag	ttgaagtggc	caagaactca	360
tgcccnaggt	gatctgggaa	ngcctcttga	acaaggtgga	attatagctg	gtttttgaag	420
aatccgaaag	gtgcttagat	tgaaagggtga	gacatgtaca	ggaatggttt	ctaagatgtc	480
atattttatc	tctgtcctca	tcttgactgg	cactaatgaa	catcaaagat	ttnaacctaa	540
atncattgag	tgcccagnat	gtgaagggcc	ttatttatgt	aggttttaaa	gctttttaac	600
atacttttaa	agaannngac	tggttaatct	ncactgnctt	agatcccttt	angaccccg	660
gagcccgat	tgccccccag	ggngcccttt	tgggaaatgg	gcgttggtcn	gggaccaagt	720
cttncacttt	ttggggacct	accccanaga	aaaaggaaat	gggtcccttt	gggggaattt	780
ttgccaggac	cttacaattc	ttgggaanaa				810

<210> 4185
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4185
 gnnnncttttt gaaanccctt ttaanccctt gctcttgntc tttttgcagg atcccatcga 60
 ttcgaattcg gcacgaggca gaggcagggc tagaatgttg gacttcagat ctcttacttc 120
 tgtgtgctag tgcaccattc ttagtccagc acagacaatt ctcaaacaga ttagcaaacc 180
 accctcttga aattgcaaga attgttacca tgtgatcaag gcatcataat taatgcaaac 240
 cctagtcttct agttgggaaa gagattaaga tgggagacttt gtagtaaaag atggacatat 300
 attttattca catagcttat ttattttgaa tgaaagacca agcaaactct anccttggcc 360
 tgtcctgang aaggtgatct ntgaaataaa tgcnctgnan aatttgngna canngngnct 420
 nncctntgat ntatctgntn ttatccaang gttcnaatnn tgnccctntt natnccntat 480
 tccttnaat tttnttgna acnnncccn natttctna tngncccttt tcttncntna 540
 cnccttntac cntttatttn ttnnaannccc nttttcnnnn ncaatnctng ntctnnaant 600
 cntnnncttn tnnntnnctt ttanncccct tnnccnttnc cccctnnnnn ttaanacntc 660
 ctncctattt anntcntncc tnttttcttc tccnntttct ttaactnntn nnncttccac 720
 ttctttacct tatatacntt aanntctctn tngtattnta aactcntntt atcttnccct 780
 ntctnctaaa tncatcctca natnnttagn nnetcaacct 820

<210> 4186
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 4186
 nnnnnntttnc ncccnttttg aaacccttgc ttctnctttc naattggctt ggatcgattc 60
 ggggaattct ctgccttttg gggaaacagt acagaggacc tnntaaaccc ttgtttngtg 120
 ccaggccccg agaccacaga gataacctgg gaccaggct ctgccatgg ggagctccca 180
 gccctgtgag gaagacaggc catcctcacc cagcacatcc tactgtaccc gaagagaggg 240
 cgcagtgact catttttttg cgttggcatt aggtttaaaa gatggttgaa cgtccacaga 300
 aggaaaagga attcctggca nagggccctg cctgagcata ggcaggagg ctgagcagcc 360
 acgtgtgctt gagcgctggt ttgncgaggc agcaagcggc ggctgtatgg tgttgctgca 420
 gctgtatggt gaaagggtgt tgaaagctga nccaggaatc aaggctgctg gccacagacg 480
 cattgatgat ggatgacgtg ctggtggggc tgacacctga aaaaaaangg tgtcaagtgc 540
 caaaacaang gcctggcata caagtanggn ccacaaggga gaagcatgag ggaaatggct 600
 tngcccgctt ggggntccct ggganaantn ancaattntt cngnatgnnn aaggnnncnaa 660
 tnnnnanaac nnnnnnccnn nncnntnnnn annnnnnnnn cnaaannncn nnnnannncn 720
 annntnnnt naanattnnn nntntnnnnn nnnnnntnan aannncnna annnnncnct 780
 anctnnnnnn nannnccnt tnnctnnnnn anaanngnnn ntnnnnnnnn nnnnaannnac 840
 ccccnnc 847

<210> 4187
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = A,T,C or G

```

<400> 4187
cgcttggttt gagcnnctna anccttccca tgcgatncga attcggcacg agggacagtg      60
ggcctggccc gtggagctgc cacgcaggtg cctgagggcn nngtgccacg caggtgtctg      120
aggaccaggt gccacgcagg tggtaggggt acagacaaga tgctgggatg tccccgtccc      180
catggtcaag ggtgtcctgc ctgcctgggt ccagggcctg agggagccac atggatcccc      240
agacttggtg tctcttgctg aaaacactga ggtgctccca tctgtgctg gcccatgagc      300
tgggatggtc ctncagcttg cccacaaggt ccgnccctct gtctcttgca ccaacctgtt      360
tgcataaaca cactttgcta caatcttgct agtgcgtttt cttaaaagat aatctattta      420
ctgtaaaaaa taaattggac tttgcaaaag cttttagaag gaaaagaaag aggattaaag      480
agaattgctg gtgaaaaaaa aaaattccat aaaaaaaaaa aactgggaan ctttttagaa      540
cttntagttg aggtccgtan ttaccttaag ntccaagac cntggaatta nggaattcca      600
atttggtattg aagtttttgg gaccaaaaac cnacaancnt tnggaaattg ccaatttgaa      660
aaanaaaaaa tggcctttta aattttggng gnaaaaattt tttgntggaa atgcctttat      720
ttgggccttt taaaatttgg ggtaaaccac aattttttta aaagccttgg caaattaaaa      780
nnccaagggt ttaaacccaa ccaaaccaan ttgggcattt tccatttttt naatgggttt      840
tccanggggt tccaaggggg ggnaagggtt ttttngaaa ggnt                          884

```

<210> 4188

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

```

<400> 4188
tgtnnctttt cncctcennc cgaaatcnct ttgntttetaa ctttcctaata tacctgggct      60
acttgacta tccntcgat ncgcatagat ggccnngtta ctaanggtga ntttcagcg      120
cggggggcac gtggagtcac tggaacattt gngcaatgct ggtgggaatg tcaaccgng      180
cnggcctctg gaatangcct ggcnntcct gcnagagtta ccntgtgacc cagcaattcc      240
actcctagct ccaccacag gantngaaag cnaagacgca nacagatgcc tgngcnccaa      300
anttcacggc agcatcctnc gccatantgg cancatcctg cgtnacagcg gcatcatcct      360
tcatcattac ggcanatcc gtcgtaacag cggctacatc acttcgccac agnggcagca      420
tctgtngtca cagnggcngc anccttngcc aaagcggcag cntccttcgt catagcgna      480
ncatnctttg ccatanengc naggtggaaa ccctgnccat ccaactgaggc ntncatanac      540
tanncatggn cagtccaggg cactggaanc cangcctgng aacggcgccn acggtanna      600
ggaatganac cntgatgcnc tggggccana catactggct anacanactt ggagacatca      660
tgcttanttg nannnccant cacacttgc nncggcgtna tctgtctcac gtgatncgac      720
ccgaatgggc acttcaaagtg ggaanaaggg ngatggcact nccggtnncc tnganagggg      780
n                                                                    781

```

<210> 4189

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

```

<400> 4189
tnnncttcen nnctcnaeng aaancccttg tattgccctt tatgcaggat ccttcgattc      60
gagcagctgc atctaggggc ccttggtgag atttacactc antncttggc cgcccccg      120

```

tagcccagat	tcaaaagggtg	aacatctgtt	tgcagaatct	gattcatgag	aaggtagatt	180
tattgttttc	agtttagact	tttgggaagt	tggactagag	aggggagttg	ttggggtcag	240
tgctggctta	acagaaaaca	cagcgaattt	cccctccagt	tctccccaag	tccactgaac	300
aaggctagtt	cctgcaccac	ccaggattca	aaggaaagac	gaagggagca	gaacttgtagg	360
cagcaacagg	taaacttcaa	gaaggagggc	aggagcccca	ccctacaggg	cttggganga	420
gcccagaggc	cccatctgtt	tcttcttcca	ggagttgtca	aggcagcaga	aaggagtcac	480
ccagccaaag	gaggaagatg	gcttcaccgg	gctgcaccaa	ggggccaaga	agcccttacc	540
ccgtgtctaa	acccttctct	cacttccctt	taagccttgg	tgaaaagaag	tcaagaaagc	600
cccaaggctt	ccttttttct	tggtttcttn	aacttcaacc	agcttaaaaa	aatgggcttt	660
ccagggtant	tggaggttca	attgaaantt	tcaanaccat	tggtttgggn	ggttaaaagg	720
ttttcttctt	tnttggttnc	ctggaaaaaa	cctttcaatn	ctttcntttg	gngngtcttc	780
antggtcctt	caaattcttt	cccccttnta	ttgaacattg	ccaaaaaac	cnancctttt	840
ttttttgnaa	a					851

<210> 4190

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4190

tnnnttctaa	tantttggat	cttgtgtctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagcccat	gtccccgccg	ctcgtctgcc	tggctgcggg	gtgacacggg	gcttcgcctt	120
gggaaggggt	cgagggaagc	agttagacgg	ctgccgggcg	gcggctgccg	cgcggcacac	180
aatattttatt	taattgcca	actaccactg	atgaagatat	attggagtga	ctgctgaaat	240
tgcttttttg	tttttaacca	gaggacagtc	catttgtttc	acttcttttt	gctttcttta	300
ctgctatgag	ctttactgaa	cggctgaaaa	acttggaaaa	taaaatggac	atgctgtagt	360
cttgaacata	atttttttaa	ggaaaactta	aagtgccaga	gtgaaagcca	gaatggcatc	420
cagagagagg	ctctttgaac	tttggatgct	ttattgtaca	aagaaagatc	cagattacct	480
gaagctgtgg	ttggacactt	ttgtttctag	ctatgaacaa	tttttagacg	ttgactttga	540
aaagctgcct	accagggtag	atgatatgcc	tccaggaata	tctctgcttc	ctgataatat	600
tctgcagggt	ctgaggatcc	acttctacag	tgtgttcaga	aaatggcaga	tgggttagan	660
gaacaacaca	agccttgtca	attttgcttg	caagttcttc	attattcttt	gcaggatatc	720
agtagaaaaa	ataaccttgt	t				741

<210> 4191

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4191

ttggnnctng	ttctttttgc	aggatcccat	cgattcgnac	cgnncggcca	gctgncaggn	60
nacaggggct	gtaggcccag	ctcanaccac	ttnggagctn	tggctntntt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tgggaagggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcnctggn	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctgc	tgntnaaann	nctgaanagc	300
ctnctaantn	tacctancgn	aaaacctana	nnccttttnc	tggcctgcta	ngcctgcgc	360

cctntggccc	atcntntacg	accacctnta	ctactgcent	tctgttaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcttggctca	540
tccnggctca	aaagctnncc	anctgagcac	tgggacctaa	accctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccgccent	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaata	aacagcnngt	720
tgntcacact						730

<210> 4192

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4192

ttggnnctng	ttctttttgc	aggatcccat	cgattcgnc	cgnngggcca	gctgncaggn	60
nacaggggct	gtagggccag	ctcanaccac	ttnggagctn	tggetntntt	caaaaacatt	120
gtngactctc	ttaccacac	attcctnngc	tggaagggga	gattgacaaa	ccagcatcat	180
ctctangtta	ctacaaaagc	cctcncctgg	aattattctt	aactnancag	ctggtagcga	240
tccattcnga	aaaagagtac	nntagactga	gttncctctg	tgntnaaann	nctgaanage	300
ctnctaantn	tacctanecn	aaaacctana	nncctttnc	tggcctgcta	ngccctgcgc	360
cctntggccc	atcntntacg	accacctnta	ctactgcent	tctgttaggc	ctntgggccc	420
aaacctgtnc	ctatnaatcc	agatggcctg	aattanctga	acaatgacan	angatgnnaa	480
aatggcctga	tnctgcctta	gctgatgaca	ttaccttgna	aaancncttc	tcttggctca	540
tccnggctca	aaagctnncc	anctgagcac	tgggacctaa	accctgtcn	nccagaggaa	600
nnaccncta	tgactgtaat	tatccatacc	taacccgatc	ctataanatg	gcccgccent	660
tctccnntcg	ctganctttt	cggacnnanc	ccgctgaccc	aagtgaata	aacagcnngt	720
tgntcacact						730

<210> 4193

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 4193

gtnncnnttt	ctaatacctt	ggnnntnncc	ttctaatagt	tggtctctgt	tctttntgca	60
ggnatcccat	cgattcgaat	tcggcacgag	cctagttatg	ctataatcaa	gcaggaaatg	120
tttatggaat	ggaaagatta	aggaaaaggt	atgttcttat	tttagcaata	aaacgaatac	180
cagaagcttt	aacattcacc	agtacaaata	aatagtttca	atggaatagg	tcgaaagtaa	240
aggacatca	ctagagtaaa	tgctagacct	tccctctcct	tttattttta	gcaacagcaa	300
agcagaaact	aagatctaca	agtgatcaaa	gaggggtgatc	cattcagttt	ctgtgtagac	360
aggaataata	ataatacctt	ttacatattg	gtacagtttg	taaaaacact	ttcacttact	420
catttaatat	tcatagcaac	ttgatgaggt	agaatactat	aggaagcagt	attagctcag	480
gttggtacgt	aaattactgt	gtttaaattt	caataaaaca	gctatggaat	ccaagacatt	540
cttgggcct	aataaaactgt	attcctttgc	aacagtga	gtgcttctct	gttgcttggt	600
aagttttttc	cccttagaat	actaataaag	taattgatta	actttcattt	ttattttgat	660
ttgattggga	cagcaatttt	agcagtaaaa	aatgtcacct	ttataaatcc	tgtggtttct	720

ggctcttggn c aagttaaatt caacctgacc aggaaggcac gctttaattc ttat

774

<210> 4194
 <211> 771
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4194
 gnaacntttt gnaaaancctt ngttcctaann gctgggntcn nttggtnctet gcacgatccc 60
 ntcgntncga attcggcacg aggtcagatg ttcttggnnt acgttgagct ncantgaagt 120
 gagaggggca nagggggctt ggggaagtcac aaggtcangg agaggagaag aagcgtgctg 180
 gatgagtcac actgnaggac tcaagccagt aggttcttgg tagcccgntt actgacctgg 240
 agccangcac tgatagcaac gtgtntctctg aggggaaggcn aatggnaaat ccaagcangc 300
 actgggatct gcctgtgaca ctcttggtggg gcctggaccc tcnnccctaag ngagcttggg 360
 ccantcagag ccaccccagg ngcccctncc ttnatctcca ttgtggcang cacaggaaca 420
 ttgtgatacc canaaaatgg actcctgtct tgtgcacagg atgcacctgn gtttntctatc 480
 ttnccattcct gaganctntn nagccaggag gacctgantt gaatcctgac tttgccnata 540
 tnaatgacta tgtggctgtg ggtaacttac ttatnctaca tgagactact tgtttcatct 600
 gccggaaaan gtaccatann atctgccttg ccttatttga cttnaggata aatcaagtcn 660
 gntantaaag ggaaanntnt gttncacttg aaaaatcaat taatgggttca ttgttctctc 720
 nttaaaaann gaaatacaaa ngcttcngcc tttagaacnn tnttggagnn c 771

<210> 4195
 <211> 744
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4195
 ttcttcaat ngntgggaac tngttctttc cgcaggatcc catngattcg aattcggcac 60
 gaggatgcat gaattactgc attaaaaattg atttatggga attattggtg tttcagtagc 120
 atttcaattc agttgccaaa tagagcagtg ggcaatgtta acggaaacaa ctgcaattgg 180
 cgcagtatgg agtgcctatc gcactaggaa atctgagggt cacaaaagaa aggagatgtg 240
 aggataagaa actttgtttt tcccttggtg ggaactcttt aggcctcggt ttctggtgac 300
 agccccagg atcatcaggc ccggaggaaa tgtgactatt ggggtggagc ttctggaaca 360
 ctgcccttca caggtgactg tgaaggcgga gctgctcaag acagcatcaa acctcactgt 420
 ctctgtcctg gaagcagaag gagtctttga aaaaggtaag ataaacagca taaagtctta 480
 cccttctgca gtaataactg gaatatgtta ataaggatcat gtgttangta gtatagcaga 540
 gaaaccccaa atttgcagta tcttacctaa tatactttta attctcactc atgtaaagtc 600
 ctagatgggtg tcttgatgc tcttccaagt gccagattca gagaccagtg ttccttccat 660
 tttgnggctc cattatcatc acttggtcnc caagactgca ggggaagatc atggatttct 720
 tcatgggana angggaagag gatn 744

<210> 4196
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4196
 tntnnttcct aatngntggg ctacttggtc tttctgcagg tatcccatgc gattcgggttg 60
 ccaaggattc tattgccatg tgttgaggag taggagcaag gagatagagc aggaccaatg 120
 ttacaataag aaccactat taaccccaa gaatctgtct tgtgaggag ataaatagtt 180
 atcatacatg cgataagtcc cacaccagca catgaaaaga ttagaagaac aagagaaggg 240
 aagaaacctc ctgacctgtt tcagggtggg atgcttcata aagaggataa cagttaagcc 300
 actaacagta atgcctctaa tcttgaatct gttacctact agttttgtgt ccctgggcag 360
 gtaacttcat gtttccttgc atcagcttac ctttaaaatg agaataatga taattatcta 420
 acagggtcct tactgaggat tctgtgagat aatgcatgga aagagcttaa gtccatgccc 480
 aggaaatact aagtgtctca agtaaagcat ttttttttcc ttttttatta cctagtccca 540
 caagagcaat ttttttatat caagattagc tttaaattca gaaggaaagg gaatacttga 600
 atgggtcatt gccagtaacc ttatattgat gccatgtttt gactttgaga ctttttttgg 660
 agtctttttt aatggnaata caggtttctg gtggaaacca cccttggtgt caaaaagttt 720
 cnntgacctt gtgtgtgtgt gnggggtggt acacatgtgt cct 763

<210> 4197
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4197
 ntntttnnnn nnctnnttgg aaacccttna aggaaanacn tggcccttcg caactncagg 60
 ancccatcga ttcgaattcg gcacgaggag gcaggcaggg cntttgggtc cttgttcag 120
 ctgttatggg gcttaggcca tgctcagtgc tggggacagg agttttgccc aacgcagtgt 180
 cataaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg 240
 gggctcctgg cacattgcca gctgggtgct gagcatngan tcaactgatct cttgtgatgg 300
 ggccaatgag tcaattgaat tcatgggcca aacagggtccc atcctcttca tgacagctgn 360
 gagctcctta ctgtgggaga gctgcagga gccaaaggagg gctgcctgac acacttgccg 420
 ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctggtngtc acctctncc 480
 acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaaccctc 540
 tgacactngg tttaaaaatg agtccctgg ctcantgggg ccttntagaa tctggaacca 600
 gacggaggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc 660
 actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat 720
 tcttttcngt ttttaagagac atgggctnac tcttgnacc aagctgggaa tgct 774

<210> 4198
 <211> 774
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 4198

```

ntntttnnnn nnctnnnttg aaacccttna aggaaanacn tggcccttcg caactncagg      60
ancccatcga ttogaattcg gcacgaggag gcaggcaggg cntttgggtc ccttggttcag      120
ctgttatggg gcttaggccca tgctcagtgc tggggacagg agttttgccc aacgcagtgt      180
cataaactgg gttcatgggc ttaccattg ggtgtgcgct cactgcttgg gaagtgcagg      240
gggtcctggg cacattgccca gctgggtgct gagcatngan tcactgatct cttgtgatgg      300
ggccaatgag tcaattgaat tcatggggcca aacagggtccc atcctcttca tgacagctgn      360
gagctcctta ctgtgggaga gctgcaggga gccaaggagg gctgcctgac acacttgccg      420
ctctcgtgtg aatccaagaa actgcnttnc tcaaaggggc cctggtngtc accttctncc      480
acagccattt ccacccatcg nntgtctaga atctctttca ttagcacatt ccaaccctc      540
tgacactngg tttaaaaatg agctccctgg ctcantgggg ccttntagaa tctggaacca      600
gacggaggtg gaagttaaga agataggaca gaacaagcag gcccaaagng ctatgggttc      660
actggggana gaccattaat tctncagatg cttttactcc tgatggcttt taccattat      720
tcttttcngt ttttaagagac atgggctnac tcttignaacc aagctgggaa tgct      774

```

<210> 4199

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4199

```

tccctttnaa ctccctgaat cccttgaatt ncttatccca tcgattcgct gatctccaga      60
cccataaggg agatgctgag tagacaactg gggctttttt ggtctggagt tcagaggaga      120
gatcgggaag gtgtccattt ggagtcattc acgcagagat gtgtgaaggc tgctcaatga      180
ttttgagggt taaagaaaaa aagagatgtg aaaccagggg ccctgatgag gctgcccagg      240
tggttaaggaa gacagaagag aagccatggg acagctgagc ccgggcaccc tcaagccttg      300
gagggcatgaa gnttgggtgg gatctgncnn naaacacctg nnanctgtca gngggccanc      360
anaccctnta gtntcacnga nnnntnncnn nangcaaat ggnctnttna anatctcngn      420
ttatntaccc ntngnagtca ngnnngacta cntnanaaca tctnatatg naaanntatt      480
tcgcngcact cngnctttaa ccanntctgt nctttnctc ggtacatgn tcgnnatntt      540
tncnnggaaa anattaattg gctntttnt nnanctnngn ngaactgtaa anttnnacc      600
ttenacannn aanntttnt ctcnngggct ncttncaatn nacntaatan ggnacagnn      660
nannctnanc anatnanna acccttannt atannacnnc nnnannaaan anttannngn      720
nntntacncc cananctntc tctnaaaaaa tnggnnncc tcnttcnna aaancntcat      780
nnntnantnt atanannggc ncatttnact ctnnccctat aanantcnnt ngnnntcccc      840
annaaatctg gggnaacaan ctttgnntc aaannannnc tctnctnnnc nctcacanac      900
gncanttnnt ncaannngnc acttacnna antntntcta ntatatctnn cnngnntcnn      960
nnaatntnngn cntnntctna ancnttttta tttnnanana nnaacnttan anccctatn      1020
ncttnttcta naagcancnc naacaanttn tccnngncnt cctnnncc      1068

```

<210> 4200

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4200

```

tnnnnttnnn nnctcttca aatccttggt ctgcctttct gcaggatccc tcgattcgaa      60

```

ttcggcacga	ggctgtcggg	cctcagcaga	gctgcctacn	cacctgagct	ccgattcatg	120
tactacgtcg	atggcagggg	ccctgatggg	ggctttcgtc	aagtcaaaga	agctgtcatg	180
cgttatctgc	agacactcag	ttgacacttg	ttatatcatg	ggacccccga	aattggagtg	240
aagctagaaa	cagaaaaccc	atgcagggcc	tcggattccc	acaaatgtga	caagaggtat	300
agggagttag	tcgcagcgct	ttgctcgtga	ccctgggatc	agagcaccca	tcaggcttcc	360
attactgtgg	gctccctaag	aagaccatgg	agagcttggg	gactccccca	ggaaggccgt	420
gaagctgggg	attcccccta	ggaaagccat	gaggaactgg	ggactccccca	agaaggccat	480
gaggaagcca	gaaattggag	gtggtaggaa	gtggtaggaa	tcaatgatgg	ccagcaggac	540
tcattctcctg	cctaactgga	caggaagcct	gcacccactt	ctgtcttncc	ctggaactgg	600
gcactggcgt	acactgggat	ccctcctaaa	gaagtgactc	acctgactga	tcagcaagaa	660
gcctanatgc	aggcctacca	tggatggctt	cctagttgcc	tggggaaacc	ctggaatggc	720
atcaggagaa	agcaccagga	atccagtcct	tcnct			755

<210> 4201

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4201

naataccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaagg	60
ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tggtgccag	120
gctggtctcc	agctcctggc	ctccggcagt	cctccacact	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tggtagagtg	aacacctatt	tgggtgataca	360
gatcaacagg	gtgtctctga	ttaatttagc	tcctacatag	ccagaagcaa	gttcattatg	420
attdagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggtc	480
agatgatgtt	cagttttatat	ctgctgatag	tgtatatgca	ggaaaacctt	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4202

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4202

ggnnnnnnn	gggaacattn	cncnanatgn	actcnttgca	aacgccccnn	aatgcaggat	60
cccacgatt	cgctgaaacg	gaaacctttc	gcaaagcctg	tgcaggcaga	ggattttaca	120
cacatccttg	acgtggcact	gtgtcttcag	gggtgctgcc	ctcttacaga	gagacagatc	180
tggaggccat	ggcggttttg	gtgagaaatg	ccagaaacag	cttcagtttc	cacctactgc	240
ttcatattta	taatcacagt	aatctatttc	tcgnttnngt	atttctagag	caacaaattg	300
tgtgatgcga	aattagtacc	agaggaacaa	tgactccact	taacaaaaaa	atagcaaggg	360
aactatgaaa	aatggcacaa	ctgcttaact	ttaatagttg	aagtctttag	gagacttcag	420

tagttgaaat	gacacagaaa	aatcctcaaa	ctaacatacc	tacatgaaac	tgagtttctc	480
aaagtaaccc	acattttatgg	aaatagaagt	ttgnnttgca	gaaacatcag	cncattttgt	540
aaggngtatg	tgatatttaa	anttgatg	cttgngaata	agggaaatggg	gctntaggtc	600
tgaggaaaagg	ggagcattca	ttcaaactgg	gaggggggtt	tgcattttta	aggetgctat	660
aagggcacga	acttggngga	gacttggacc	ngntttccgn	atgnatnggg	gacnctctgg	720
tctaagccat	tgggggngnc	nggactttct	ccaanattct	ntccaaacnt	gnctctctta	780
atttctccga	a					791

<210> 4203

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(844)

<223> n = A,T,C or G

<400> 4203

ggnnnnntgn	nnntttcnaa	tnctngctac	tcgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gagattacaa	caatatggat	agtagggagg	aggaaaacaa	gaggagaatg	120
ggatcaacag	aaggcatata	tggggagtg	ctggatggct	ggaaaattcc	attttttgac	180
caagatgtgg	taaacacggg	gagtaaagt	ataattttt	ctcttactgt	gcttttaggt	240
tttggtgctt	tctgtctgta	tgctgtgttc	cacaataata	aaaatattta	aaaggcaaaa	300
aaaagtaaaa	taatgaatat	aaaattacac	tgaaactaca	tattctcata	gatagaattg	360
taattattag	agtttttgct	gaataaagtc	aaatagacta	ttatagtagt	tataaacgca	420
agttaaaatt	ttagggccgg	gcaaagtggc	tcacgcctgt	aatcccagca	ctttgggtgg	480
ctgaggcggg	tgatcacct	gaggtcaang	tggtcangac	cagcctggcc	aacatggtga	540
aagcncntat	ctactagaaa	atntaaaaaa	tttnccctgt	ttttggnggn	ggggctcctt	600
taatcccaaa	ttactnnggg	gagggttttg	ggcaangaaa	aaatttnttt	caaacttttg	660
gnagccccc	ggtttntan	ngggcccttn	naaatttttn	ccaattnccc	ctttcaagcn	720
tnngggggaa	caaataatta	aaaacnccnc	tttttcaaan	ttngaaaaaa	aaaaaaaaaa	780
naaaaatttg	gnnccttttt	aaattttngg	ggggggggaa	ttttnnngaa	aaccccccaa	840
tnnt						844

<210> 4204

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4204

aaaacnacag	gctactngtt	ctttttgcag	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagttgaaa	tcctagtctc	tggagtcctc	tgtgatggca	aattctgcct	tccttgtttc	120
ttcttttttt	ctcctctgtt	ttcccatttt	agtagttcaa	atgggttttg	tattattgaa	180
gacagggtatg	tctcaaatcc	atggaaactca	caaaaaaggc	tcattttcta	tcctcaagga	240
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	300
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggt	gggcagggtg	360
tgaaaggagc	tcatagattg	ttccaagtta	ggagagcatc	ataaaaagag	atggaaattt	420
acttgctaca	gttttagatt	tgctctgtct	atagcagaga	gtccatttca	gagcatatag	480
ggattgtcag	gacttaaaa	ctgctgtatt	tcttacttaa	gcacccctct	ccccagaatg	540
ataagagccc	anctttgggc	cttggaatgg	gagtagaatg	tgggtatact	gtctatcata	600

tganaaaatt	gcntngaacc	aacccccccn	cncnccnaaa	tgccctgcatg	tnaaactggn	660
gaacactggg	taatatanat	ggattattat	caatgtcaac	ttcctggact	ggngaatttg	720
gcctataggt	tncccaaaat	gtccccctga	aanaaaaggt	ttttgggggc	tttnttt	777

<210> 4205

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 4205

nnnnntnt	ttaagaccag	ctcttggttct	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgagagaa	gtccactgg	cacttttgta	ttcacaacta	ccgggtgcga	taaggcagtg	120
agggttatta	tgataccct	tttcacaggt	aaggaaacaa	ggctcanana	ggttcaacaa	180
cagagtcata	attcttcttg	ttggagaatt	cattttgnta	catttcattc	ccaccatctg	240
cagtaaggga	gacccattaa	aataactat	cctgattttt	aaagagaagg	taacattaag	300
gccnnnaggt	tnggatntn	nccaanttca	ctntgggctt	ctggactccc	atgcccaca	360
gcctgcatga	tgcanagt	tccctcaaga	gcctagtga	tgattctttt	ttngtgccan	420
ganacagact	gtggacctg	agagggttng	ggggctggag	aantagagga	ggtgganttt	480
ctacaacagg	ggntattgng	ggggtantaa	gaccaatgac	tacataagg	cctncgtttg	540
gtcttngncc	agaaaaatgc	gtcttttagcc	ttttaacgan	tgcngtttnc	ctccattana	600
taaccagntt	taagccacng	gtgttgngnt	gggcaccatt	ccannngctt	tngggcncat	660
ggtntntntaa	accnaagtc	ccctcnatca	anngttnt	taannanggg	ngcctttgan	720
ntntnttttc	tttccctcag	nnngaangga	acntgttngg	gctnnntntg	cctttttggn	780
nnaaaaaatt	tttttttncc	gggttccnna	aaaancttng	ntnnnttn		828

<210> 4206

<211> 834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(834)

<223> n = A,T,C or G

<400> 4206

tncaatncng	gctctngttc	tttttgagga	atcccatcga	ttcgaattcg	gcacgagcgg	60
acctctagtg	cctgatgttc	actttcttca	ggctcctcaat	ttcctacatt	taagctgttc	120
ggttaaactt	ttccatattc	agcttgagat	caacctcctt	tacataactg	attatttttg	180
ccttgaggag	aaaagatgac	gctaaacaca	gcacacatgt	gtttattata	tggttggaat	240
gtggaattca	aagatgaaag	agacgtgagc	tgcatcacta	aaaaagaaac	atattacata	300
aatgcaatgc	tgatatcata	gataataaaa	ttaacactaa	ttttttgata	ttatcaatta	360
tgcagtccat	aatcagattt	gttttggtct	tagaaatgac	tttttacagt	tggtttgttc	420
aatccagat	cagataagtt	tcacacatta	aatctgttta	aaaaccaatt	tttaaaacag	480
acgactgtta	aagggccaca	tggggaagct	ttatggaatc	ttccaacaat	tttgttgccc	540
cagctacttg	ggaggctgag	gcaggaggat	cccttgagcc	caggagtcca	agactgggca	600
acacaaagaa	accccatctt	ttggctgggt	gcgggtggctc	acacctgtaa	tcccagcact	660
ttgggagccc	gaagcaggcg	gatcatgagg	tcaggagtca	agaccagctt	ggccaacgtg	720
gtgaaacccc	gtnttcacta	aaaattcaaa	aattagctgg	ncatgggtggc	gtgcgtctgt	780
aattcccagc	ttcttggaag	gggttgaggcn	naanaatctc	ttgaaatcca	gnat	834

<210> 4207
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 4207

ctaactnctng	gctactngtt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgaggac	60
acccagttta	agggacattc	tgtacggtgc	ctgaatggcg	ctcctgaaaa	ctgtgcaggt	120
cctcaaggct	gaggaaagcg	taaactgtcc	cagaccaggg	aggccaagga	ggcgcgatga	180
ctcaatgtca	tgtggtgccc	tggatgggat	ccagggacgg	gaaaaggaca	cttgggaaaa	240
actggtgaag	ttcacgcaaa	gtgtccgggt	tagttcagca	tcagagacca	atgatggttt	300
cttggttgtg	acnaaaatgt	tccatgggtc	gaaaggtgtc	aacaccaagg	gaagctgggt	360
nagagggtca	ccagaatcct	ctctactgtc	ttttcagctt	ttcggtaaat	ccaaaagtac	420
tttcaaata	aaagttta	ttaaaaatga	gaagccacct	ccccacgag	atcatgaagc	480
tccatgaagg	ccaaggccat	gttaatgcc	aatgcatgtt	ggttgaattc	actcgtgttt	540
ggttgaattt	actgatgttg	gttgaattta	ctgatgttgg	ttcaatttta	ctggatgttg	600
ggtgaaatca	tttcatgttg	gttggaaatc	acttattact	gnggtnccta	ccatcttngt	660
tgcagccctc	ttcattcttt	ttttctnaat	ggncaaacaa	ataantnggn	tgtanttaca	720
tattttattg	gngtntaaat	gngnggataat	ttaatatnt	gttttttaaat	gngngnatna	780
at						782

<210> 4208
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4208

atnnnnnnntt	tctaatacnn	ggctactngt	tctttntgca	ggatcccatc	gattcgaatt	60
cggcagcagc	aaataagtta	aatgtatatg	gcattggatt	ggaattggag	gtatcagtgt	120
gaactcatgg	ttttgggttt	tttggttttt	gccttttttg	ttttgttttt	gttttttgag	180
gcaggggtgc	actctgttgc	ccaggctgga	ngaaatactc	annaacgana	cnctatngtg	240
tatcanaagc	tgctacgcnt	ntcatggntt	tgttanngan	cnacacagat	agtcntnntg	300
tattcancca	cttanncan	anagagacag	natgggaatt	aantgttaan	gtgctagcca	360
acaagtaaa	attcncataa	aacaanggtt	atatnccag	tcatacaagt	gataaatttt	420
ccctgctaac	tttagattaa	aaagtanttt	ttangccann	ttgtgngngg	ctcacacctt	480
ttntccctn	cactttttng	caggcntnan	ggttngacna	natccccctt	nacnnttcan	540
gaantnttcn	nnnaccctcc	ccttgggcna	nncantggnt	cgnaaacccc	ccatcntttt	600
tccncaaaaa	aattcccaaa	ntttcgcnge	cacccgggnt	ngnnntnccg	tggtanccnt	660
gattnttttc	ncncttccan	ccggnnnngn	cncnacngcc	ananaaaaaa	ccttcnttnt	720
anccctngnn	gaggecnncn	gtttcncnat	ngnccccnna	aaattggggg	cttttagnan	780
ctcnttacc	ctngccnnnc	nganttnaan	cnattctttt	aaataaaaaa	accctcctta	840
ancttattat	ngagtcgcta	tttncntanc	aacctntacn	tc		882

<210> 4209
 <211> 881
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4209

```

nngnntnntn ntttctaacg ttggctctcg ttcttttttg aggatcccat cgattcgaat      60
tcggcacgag agaaagattt tctttattaa tgaccccaac cgtatttctt tagatacagg      120
agttttgaac tcaaatactt aggagaaaac aagttatgac tgcattatcc tgcaactcat      180
taccagtaat atattgcaaa gcgaaacagc ttggaaaaga ggggtgggaga aaagggaagt      240
gagggaggga agataaagaa aaggaattaa gttgatcaag tggaattctt tttttttttt      300
taattcttgg gaactatgaa gtctttgcaa gcacagctcg tttctgcaga ttattttcca      360
aacgtgtaca aaatggaacc aaaacggaga atcccttaag aacctgaaga ggcgcaacat      420
taaaagctac gattatccag tagcaagtgt tccagccttc agttgccagc cgcttcctcc      480
tcttattccc aagattagcg ggatgaaaac gtcttccccg tgattgtttt catttctttt      540
ttctcggcat ctgggcgtgc gcggttcagc acctgagga agtcagacgt ttctgccgcg      600
atcgtgtgtg aatataggcc ttagagcact tgatgtggta gtgcaggtag tcccggaacg      660
tgtggatcag gttgatggtg tttgtctcga gcnncnnnnn tnnntnntnn nntnnnnntn      720
nnncnnntnn nctcnntnnn ntnnnnnct tncctnctc tnnctcnct cnetnctnnn      780
tctnnnnnn nntnntttct nnnnnntttt ntnnnctctn nnnnnnnnnt ntntcnnnnn      840
nnnnntnnn nncctttttn nnctnnnnnn ncnctenncc t                                881

```

<210> 4210

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4210

```

ggnnnnnnnt nntttttaag atcagctatt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gatcacatct ctcaagtttt aaaatgggtt tttttgttgt tgttgatggg      120
ggggagaggg tcacagcagc tttaaagtgt ttcacatcgt gtgttccaaa aataactggg      180
tagcctaagt cacttccacc ctccaatgtt gtgaatgcag tctctagcat tcgctattta      240
atgtcttctt cctgcactat ttgagaaatc gcgaggtcga cttaataccg cagtcgccac      300
ttcncggacc ggagggcgga gtctgcttag ttctgaggac tgcgtgggtc cgcgcagaga      360
gtcctgcta ggcctgcgcg tcccgttcta aattcttacc ctttagttct tgtcaccacc      420
cccgcgtgg ggaacggcctg acagtcactc gtcaaaggaa gtggctgccg gcagctcttg      480
accggaatc ggatcctagt cccacccccct ncnccaggc tttcttctgc aacaggcgtg      540
ggtcacgctc tcgctcggtc tttctgccgc catcttggtt ccccgttccc ttgcacaaaa      600
tgcccggnga aaccacagaa acccgctcct gctacagagc angagttgcc ganccccagc      660
tgagacaggg tctggacaaa atctgacant gatgaatcnt cccagagctt gaagaacagg      720
atttcacca gcaccacaca acaagcccag ctggcggcag cagcttgaaa tcnatgaaga      780
ccatc                                          785

```

<210> 4211

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (839)
 <223> n = A,T,C or G

<400> 4211

tngnctnnnt	tggtanatct	ngnnttttcta	atncttggcn	atcgnantnt	ntgcaggacc	60
catcgattcg	aattcggcac	gagccgacta	cttgtgcagt	ttgccctgct	gagccctcct	120
cgccccggga	ggcagaagg	gaggggtcct	cagcaatatg	ctgagcacct	cctaaacaac	180
atcacctgaa	aaangaacct	agangaganc	cattctcaaa	tctgatcctg	gactgagctc	240
gagagctggg	ttgagagctg	ggttgatcaa	agttgggatt	ttgctattat	tgtgacaaag	300
ggtccagcct	tgcagtccan	atcctgaaag	gcctgggaca	aggccaggta	atttggggag	360
tccttctctg	atctgtgcag	gatgttcagc	ggcatccctg	gccaccact	atgatccccg	420
cagcaaacc	ctcagttggg	acatttaaaa	atgtctccag	acnttaccaa	atgggacagc	480
attgnacca	tttganaagc	accggttgag	agcaaatnca	caaatntnta	aaatggggaga	540
tttgggccgt	ggngnggcaa	gcctgtagtc	caatntcntn	ggaggccaag	gctggggagg	600
tcnttttnatc	cccaggaggt	anctttccgg	nngggcgaat	aactgcacca	ntgaactncc	660
atattgaatt	gaacagaanc	ccangacnct	ttnttttttt	aaaaaaaaat	atntntntaa	720
naaaanaaaa	cttngnnncn	ttnttaaaaa	nttttatngg	gangtnggt	ttaccgttga	780
anccccncn	ttgaaaaana	aancatttgg	tttaagnttt	gggccnaaac	ccacancnt	839

<210> 4212
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (794)
 <223> n = A,T,C or G

<400> 4212

ggnnnnnnngg	nnnnttcnat	nnnagctctn	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gagtttaaaa	atacttcttt	gtaaaagtta	ttgcacaaag	aaaagacatg	120
aatgtgtccc	tggtatgtac	tcacaaggat	aatgatgggg	ttgttgctca	ttaatactgt	180
ttcttgtgca	ataactttta	caaagaagta	tttttaaact	gatcattaat	tttatgacca	240
cagaaatgag	atgcaaaatt	tatgctattg	tcagtggcac	aggctcacag	caccactgac	300
atcttgtgtg	attgtaatat	aatggctgcc	aactaatgat	tctgtagaca	tttcatttga	360
gtgtgctttt	cttttagatgt	gtgattagct	gtaatgcttt	cacttatgtc	tgtaaattat	420
attggatatg	tttacctgat	gcctattgtt	gatttggagt	tcagttttgt	attacataaa	480
tgcaagttga	actttttttt	tttaatttat	agaagtcttt	gcaggtataa	ctacaaatac	540
tcagcccctg	gggaggaaaa	atgcttttga	ctactcaaca	gtaaccctg	cgttcagtta	600
aaactcctta	taagacagca	gcttttactc	tttatgggt	cgaaaaaaaa	aatanggggg	660
aggaaaangg	gatggaccat	cctgggacaa	tggtagaagt	gaagaanacc	atcttggaaa	720
aatgaggngt	ccttccctta	atgcaagggt	aaaaaggggc	tnntccttna	tatatagcaa	780
tatagaatct	ttgg					794

<210> 4213
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4213

nnttaaganc	agctcttggt	ctttttgcag	gateccatcg	attcgaattc	ggcacgagca	60
gagaggcagg	gataccagat	atggggaaat	ctgtaattac	atgcaggcat	taaatattta	120
aatatatatt	ttcttctttt	aattgtggta	aaacacatat	aacataaaat	ttatcgtctt	180
aaccattttt	aagtgtactg	ttttgtagtg	ctgagtgtat	tacattatta	tacaaccaat	240
ttccagcacc	ttttcatctt	gcaaaaactaa	aactctttac	ctattaaaca	actactccct	300
gtttctccct	cctcccagtc	catgagaagc	accattttac	tatcttttct	gtgagtttga	360
ctctacaaac	ctcatgtaag	tgggaattatg	caatatgttg	acaaaccaa	ttctgtacaa	420
tatttaaaga	ggtttagtct	gagccaaata	tgagcaacca	tggcctagga	cacagtctca	480
agaggctctg	agaatatgtg	atgtgcctta	ggtagtcagg	tcacagcttg	gttttgtcat	540
tttagggaga	cagaagttac	agacaaagac	atacatcaat	accgtaagg	cacatgttgg	600
ttaagcctgt	ggaaagatag	gacatcttga	aaccaggcca	tcacatgtca	cangtggatt	660
caaagatttc	tgattgggtg	aaaatctttg	gttgggtgna	agaagttaag	ctttgnctaa	720
aggcttggaa	gtcanggaga	aacaattgct	ttgagttaaa	ggtaangggg	gtgng	775

<210> 4214

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 4214

tnnnntttcn	aatactngct	atttgaactt	tatgcaggat	cccatcgatt	cgcaaaccgg	60
anatgggttn	tttttcgngg	ggnggggang	gaacanattt	gcattaacaa	ctactgngaa	120
ttntccatnc	aangataatc	tcncatgtcn	aananceent	ttnttaaant	nngaattggg	180
ttgggcttat	cagaatannt	ntttattaga	ggcttttttn	caaanntcac	nggttnccac	240
tgnaancccc	cataatnntn	tttttaannc	gctgntctan	ggatgagccc	canttanttn	300
ntgcaagnng	ggananacnn	nntgtgtnan	tncanatnnt	ntgctngaac	cngnncactn	360
nttcataact	agctngancc	catttcccgt	gnacttcggn	cgntnnannt	tnttangccg	420
gccnnaacca	atgantaggt	gaaaaggacc	cncatgtnac	ccccaangna	tanaccccat	480
atttccatga	antannacct	tnttctgtng	ggatgcccc	tcttagaanc	tntgggncat	540
gnngagnnga	agccctgagc	atttntntna	acatgcctac	ttactnncn	aanttgcna	600
ggantgtgnc	ngtgccantc	catgaatggg	gtanggcgca	gatecncgca	aacagcccan	660
ttgntaccca	tgagatatgg	aatnttcctn	nctatggcaa	antaatggcc	natttncaaa	720
nttgnnggaca	aantgaaagg	acttgtgttg	ctnggcnnna	aaanagggng	gggggtgggg	780
natttttaan	aatcctt					797

<210> 4215

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4215

ggnnnnnnng	nnngttcna	atgcttggca	atcgntntnt	nggggncnnc	tcgagacgct	60
ggctccttta	tcagatatta	ctggatcatc	acctgtgnag	gctntntggt	taatgatnnn	120
nancatttga	atggcaacag	ntgcgnatgn	atcctgccta	naancacnnc	tactcgntan	180
nnannttgg	gtgtgcntgc	ntctantnnn	cnaatcctg	tgacacacac	ggaatttnan	240

tagaancagt	acagnnnctt	angcagnata	aaccatcctg	nggnnanana	tgacacnctg	300
cnngacntat	tnnnnnncna	nnntnatggt	gntgggncn	gnaaaggnc	tgaaacangt	360
cgtatgnncn	tnacanggca	ccnggcta	atgctactgt	gtnaacncag	gnnatgagct	420
gcagcnttgc	ctnncttacn	antgctcact	gggtgtgaag	gacctgcttg	tgaggtnnt	480
gttngccttt	tnctggactn	annntaancc	nttacnaang	ccngcattgt	tcattaccan	540
tngccttntg	aantntnana	gnagatgnca	ttgggacnaa	tnggacagtn	taaanganna	600
ccgcttngat	ggagnggacn	ngaategttt	cttacntcan	ggggccactt	tattaanatg	660
ggngaacttn	ncacntnnng	ctcctangcn	cttccaaggt	naccttnggg	nnccnntggg	720
gaatttaaac	aantncacaa	nggtggtctg	aaaatcttcn	nnngggactt	aattnaaaga	780
aattnatcg	gggttttccn	gggggttcac	ccangangtn	ttnaactttc	ncannccna	840
nnntnt						846

<210> 4216

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4216

gngnnnnnnn	tttгнаacnt	tgctaagtct	ggctactcgt	tctttntgca	ggcatcccat	60
cgattcgaat	ttcggcacga	ggttgtacca	ataaagtttg	caacctacag	caatagccag	120
tcaataaagg	aaatgatgct	gatgtagcat	ttatgagcct	taaaaaacia	acaaaaaacc	180
ttaagatggt	aaatttattc	caaggattct	ttttttttgt	tgtacatgaa	tgttcatatc	240
aggttttatt	gtaatagcca	aaacagtata	cacctgaatg	cccaccaaca	agtgactaga	300
taagcaaagt	acggtacatg	gatatgatgg	actacctcag	agcaataaaa	aagaatggac	360
tattgataca	tgctacaaca	tggatgatcc	tcaaaggaat	gacgttgagt	tcagaaagca	420
agacaaaaaa	gtacattcta	tatgattcca	ttaatatata	ggaatatatt	atattcaagg	480
aatagtatat	aaatatataa	gaatatattt	tattcaagga	atataaatga	atataaatga	540
tataaagcag	atcagtgat	gccaggagat	gagggtggaga	agtagagagg	ggaggaaaga	600
agggttact	aaaggacatg	aagaaacttt	tgggggataat	gtttatgttc	actattttga	660
ttgggctgat	ggttttacat	atgtatacat	atatcaaaat	gtatcaatct	ttatactatt	720
aaatatgtgc	agttttggtg	taagtcaatt	atacctcaat	gaaacctcat	taaaaattac	780
catattttgg	gggatctaaa	aaaaaaagnc	ttntagaact	tanntgagtc	gtnttccgtn	840
gattccagac	attgataant					860

<210> 4217

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4217

gnnnnnttgn	tcnaaagccn	ggnaaaggaa	ctcttgnaac	ncccnngca	ggatcccatc	60
gattcggttt	tgcccctttt	tagcctccca	gagcttcgag	gactcaattt	taaccgaaa	120
tcttgccgng	ggggaggggt	tgctgcgaga	cctgggcccg	gggaggttct	cctgcgtcac	180
tttctgtcct	gaaaggcgcc	cttcctgggt	tctgtggctc	caattttcta	tgagcccca	240
caccccttgt	tgttttgatc	ctgagaaata	aaagggaggc	tgaattatc	aaatttaaat	300
gagggtttccc	cttcattgaa	gtgctgctga	cccttcgtgc	agaaatgggg	agcacttgag	360

gacacaggtg	ggtggaggcc	ctttgtgcgt	ggctggtcgt	attcgggcag	ccctccgtcg	420
ctttttataa	aactttgngt	gagaagaata	tattgataat	gtcagtgaag	caagcagaca	480
ttgaaatgga	ggcacagatt	actccacaag	gagttcttct	gtatatTTTT	tctagatgca	540
aatccnttta	atatgnaatt	aatgtaagnt	ttctagctta	tatcgaactg	ggngngggcac	600
gggggacact	gtactggata	agntgggcan	acatcctgag	nncgaatgcc	tgaccacgga	660
aaatatanaa	tttattgctt	taaaaaaaaa	aaccacctna	cangggcgna	cnac	714

<210> 4218

<211> 849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4218

gnnnnnnnnnt	tttnnaacttg	caatcgctgg	ctactngttc	tttttgcagg	atcccatcga	60
ttcgaattcg	gcacgagaaa	ggctagctat	attagctggg	gttcccccca	aaagcaacat	120
tggagaagga	ctcatgggca	gatactttct	tctggaaaat	gatcccgtag	gatatgggta	180
gaaaaagaaa	ttgggaccag	aaagaatgaa	acaggaaaaga	aagaaagcct	attgaaggat	240
ataaaatttc	tgtaaacaac	tggagcttag	tcccactgag	gccccctgag	gaactgcgca	300
gaatgtaaga	cagaggagga	aatatTTtagc	caccagttcc	tatctcccat	tggccaactt	360
gatgctgagt	tcaggagtgg	tggctcacac	ctgtaatctc	agcatttttg	gaggccaagg	420
tgggtggatc	gcttgagcct	cagagttcaa	ggccagccta	agcaacatag	caagacccca	480
tctctacaaa	agaaaaattt	aaaaattggc	tatggaaagta	tgaagggtata	tgctgttagt	540
tccagttact	caagaggctg	aagcaggagg	attgcatgaa	cccctgaact	caagactgca	600
gtgaactata	actgaacgat	ggcactgcag	cctgagcaac	agagcaaaac	tcttgtctca	660
aaaaaaaaaa	aaaaaaactc	gaggcctcta	gaactatagt	gagtcgtatt	acgtagatcc	720
agacatgata	agatccattg	atgagtttgg	acaaaccaca	actngaattgc	agtgaaaaaa	780
atgctttatt	tgngaaattt	gnnggatgcta	ttgctttatt	tngtaancnt	ttttaagctg	840
caattaaac						849

<210> 4219

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4219

gnnnnnnntnn	naaancagct	ctngtttnna	aaanantgct	acttgttctt	tttgcaggat	60
cccatcgatt	cgaattcggc	acgagaacaa	ctccctacgt	cctgtgtggg	gccctgcccc	120
agtggatgag	gcattccttg	aggagtatca	ttttccctga	caatcccat	cacctttagg	180
ggttccctgc	ttggctcctt	tccagctgaa	aaactagacc	tgtgccattg	gggaagctgg	240
acaaagtcta	gggggcccgc	ctggtagagg	gtcccgaggaa	gctggatctg	tcagcctcgg	300
ccctgaggcc	cctgttaact	caagactgtg	agctgcctct	aggtggtcac	gtctggggagc	360
tagcttgat	ggcttctgac	cagtatcagg	atttctgttc	tgagagcagc	gtgggcagcc	420
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	480
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tattttgtgaa	atttgtgatg	540
ctattgcttt	atttgaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	600
ttcattttat	gtttcagggt	cagggggagg	tgtggggang	ttttttaatt	cgcgggccgc	660

ggcgccaatg	cattgggccc	ggtacccaac	ttttgttncc	nttaatgagg	ggttaattgc	720
ccccttgggg	gaaaanatgg	gcatagnttg	tttccttggg	ggaaaatggt	attcccttca	780
cnaattccac	acac					794

<210> 4220

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (825)

<223> n = A,T,C or G

<400> 4220

atanagctat	tgttcttttt	gcaggatccc	atcgattcgc	gcccctgcat	gatggcagcc	60
gcactcctgc	ccagagtggg	gcctgggacc	ccaacaaccc	caacacgccg	tcacgggtcaa	120
cccacaatac	aaccgcgaga	cgccagggac	gccggccatg	tacaacacag	accagttctc	180
tccttatgct	gccccctccc	cacaagggtc	ctaccagccc	agccccagcc	cccagagcta	240
ccaccaggtg	gcgccaagcc	cagcaggcta	ccagaatacc	cactccccag	ccagctacca	300
ccctacaccg	tcgcccattg	cctatcaggc	tagccccagc	ccgagccccg	ttggctacag	360
tcctatgaca	cctggagctc	cctccccctg	tggtctaac	ccacacacgc	caggctcagg	420
catcgagcan	aactccagcg	actgggtaac	cactgacntt	caggggaagg	ngcgggacac	480
ntacctgnat	acacaggggg	gngggacaaa	acaggtgtta	tccnnnagtt	gncacnggta	540
cngtgggggg	ccaagngtgg	gnngnntgaa	acagntnttt	ttttttnttt	gnttnccccc	600
ttaaaattgg	ganaananna	cccttttncc	caaaaatggg	nganaacccc	aaaantnggg	660
caaaaaactt	ggggatttgg	gggaaaaccc	ttaaangggg	caagggggga	gcnttttntg	720
aaaccccaaa	ngnggggnt	ntttacctg	gatttaancg	ggggaaatna	agggangggc	780
tttccttttg	ggaaagggan	aaaattttgn	gccccaaaac	cttgt		825

<210> 4221

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (819)

<223> n = A,T,C or G

<400> 4221

cgnnnnnttg	ttgaaanagc	naggctactn	gttctttttg	caggatccca	tcgattcggt	60
ttcttgcaat	tactatgctg	tccttcctat	cactacctgt	tggtgaggt	agtgataggc	120
ctaaatgatt	cattatctta	aatgtactaa	atatgttgag	taattttttc	ttctaaacta	180
acagaaagag	agaacctagg	agttactccc	ttaggctggt	taaagtgaaa	ggtagccaag	240
tcaacccagc	ttgtttcctt	ctctcattag	gaaagaacta	ttgttcattc	tcataacaca	300
ctttttccaa	ttgcaaacat	actcagggtt	aaaatagttt	agcacaaatt	gcagccattt	360
tcatttggtc	ttcacaagct	ggaacttttc	ttgtaagcta	aatattaaat	ggttcaagta	420
aattggatac	ataagcctga	aactaggcgt	ttctcattat	acatagagta	taaattaaga	480
cagacttttt	catggtgaaa	ggtttacagc	ctttaaaca	tctgggaaga	agtgggaaag	540
tagggaataa	ctctgttaaa	tatgataaaa	gacaaagcac	caacaaaggc	ctagttctaa	600
acttggtata	atttctcatg	gggaagtttg	ngggttgtca	caaggttatg	ggcggtccca	660
agcaagtta	ccaatatttt	tttagaaata	atnacctccc	cagaaaatat	ttttnaaaaa	720
taagggaccc	tttcntttta	atatggnaaa	ananaanaaa	ananaannnn	nnntnnnnnn	780
nnnnnnnnnn	nnntnnnnnn	nnntnnnttt	ctnnnnnnct			819

<210> 4222
 <211> 766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(766)
 <223> n = A,T,C or G

<400> 4222

naataaccagc	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	cacgagaagg	60
ccttaggctt	tttttttgta	gggtgagagt	gggggagaga	tctcttgctc	tggtgcccag	120
gctggctctc	agctcctggc	ctccggcagt	cctccacact	cagcctccca	gagtactagg	180
attatgggca	tgagccacca	cacctagcca	ggctttttat	attgagttgg	ttatatatgc	240
ttcatagcca	cactttataa	tattggagta	tagtattaaa	ttacagcttg	ttgtcaagtc	300
agtgtttctg	taagacagta	tatccaatat	tggttagagt	aacacctatt	tggtgataca	360
gatcaacagg	gtgtctctga	ttaatttagc	tcctacatag	ccagaagcaa	gttcattatg	420
atttagaata	ttgtacatgg	ttatgcagga	atcatcccaa	cctatctgtg	tttataggtc	480
agatgatgtt	cagtttatat	ctgctgatag	tgtatatgca	ggaaaaccta	taaaaccact	540
tcagacttgt	taaaacagtg	agaaagccgt	gattgaaata	ttaatacaac	ccgtgtggta	600
taaatttcat	ttacantggg	aatgtaaatg	ctgtcatttg	aatcttgnca	aagcctgcta	660
ctaaaactct	taaaancctt	gctaggggaa	taagtcttta	ntnccaaaaa	caatatanan	720
ggggatgtgn	gtggataata	caaggacaac	catatgttgg	tggcnt		766

<210> 4223
 <211> 873
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(873)
 <223> n = A,T,C or G

<400> 4223

gnagnntnnn	nntttgnaac	nctggctact	ngttcttttt	gcaggatccc	atcgattcgn	60
attntgaaca	agctgtntcg	tgtgtacagt	tgctgctgtg	attgagccag	cagtgccctg	120
ncctgccctg	canngtctgc	acagctccca	ctgcttctat	nngntgttgg	gcncgtgagg	180
catgacttgg	angggggcct	ggtgcctgag	gacctgctga	agagaatgct	caccaccagc	240
tctntgntnc	cctttctgct	ttggnaatca	acacgtgtnt	gcctgcagtg	gccnggaccg	300
tgactgtttc	tgcccttggtg	cctagttaan	agccttcaaa	agcataatga	acactttnga	360
tatgatattg	gaacttttagt	aaatgcttta	cttccctcta	attgcccnc	aatgccttaa	420
tnttgtggac	tgttttatttc	aacagggtgga	agtgttggtc	ntgcgaaatc	ttggtnttcg	480
catttcaaga	agggagtgtc	ttattanttc	ttctttctat	ggaacgtttc	aagtgattgg	540
atntaaagaa	gggctctgaa	gcaggagttn	ncacctgctc	tgagggaact	tggggctcca	600
gggacgtacc	ccaaatgtgc	gcccagnttt	gaaactccct	gacagcctgn	tactacntag	660
tgggctcgag	ggtttncann	atgaagaaga	gttgtncccc	taaaagtggg	tgaaaccctg	720
tggctttcaa	agcaaaggta	cccnttgtcc	cancattntt	nncggnaggt	aggggnctca	780
ttggaaaacn	tgtngggcaa	ncctgntggg	ttttggctcc	ccctgntngt	nacaatnggg	840
accttntttt	gaacngtnng	gaangggcta	nnt			873

<210> 4224
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 4224
 caaanacagct ttcngacccc ttcggaccca tcgattcgtt gctctatgtg atgtttatta 60
 tcaaatacat ataattttga agatttttaaat gaatgnntta agatttttatac tttgtgtaga 120
 atgtgggctaa agaaacctta gttgagattc aagaagttgg tgtctgtttc tgattccttat 180
 cacaacttgc tacttagtgt ctaccaagtc ctccacctct ttgctcctca aagagctgtg 240
 aaaaatgatg gcaggagccg gtacaacacc acagacttag agaagggcac agtgctgctt 300
 tattgaatga tctaccaagg taaaattttg ccgggtcaag aaatagcaat ttaatccatt 360
 taaaggaatg aatataattt gaaacattaa cttattttcaa gactaacatc tcaaagtgtt 420
 gagacctttt ttaaaagagc tttctggatt ttgagcatac tttcactggc tgtgatttat 480
 aagaatttgt ggtttgngga gtactgccta aatgccaggg taaaataagg cagncccatg 540
 ccttacctgc cctgggctca nggcctcaca tccttttggg acgcacatct tttctcttct 600
 cccttgntct gctctcccg cgcataatcc tcctagcccc cagagcaaan nnnnanaaaa 660
 nnannngnnn cnnnnannnn ttnnnnnccn annnnnnnnn nngannnnnn naaaaacnnn 720
 ngcctttnaa ananatnggg gggncnnntt nccgnnaacc cccacnnngt nanaan 776

<210> 4225
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (869)
 <223> n = A,T,C or G

<400> 4225
 gagtnnnmnt tttgnaacct tgctaattgct ggctactcgn tctntctgca ggatcccatc 60
 gattcgaatt cggcacgaga gcagattcag tgtcgatgag agcctgcttc ctgcttcata 120
 gatgatagaa gtgcaaagcc agctgtctgg gcctttttta tgatactgat cccattcatg 180
 aatgctctgc cctcatgatc atttcaattc ccaaaggccc cacctcctaa tattatcaca 240
 gtgataattg ggttttcaac acatgaattt gagagaaaca cattcagttc ctagcattag 300
 ctgcttata tttatttcat ctcatctctc ctcatagctt ttatttttgg tccccctgtc 360
 caatttatta tagttttttg tctttttata acttttaacc atcttttaaa tttctcttat 420
 ttatttctct ttttactggt gagttacaac tctcggctta ttcagtggca aagcaggaag 480
 agatggcact gaggcattct gatcctgaag gatcttttaa ttctcttag cagtcttaac 540
 attttttcca tcagccccct ctatagtttg aatgtttggt ttctctttaa aatccatgtt 600
 gaaacttgat ctccaatatg acagtggtaa gaggtagggc cttatatattg agagcactac 660
 aggggtgagta cactcaataa taatgnattg gatattttaa ataactaaaa ttgtataatt 720
 ggaaatggtc cctaacccca aaggaaatgg ataaatgctt gggggttgat ggataccccc 780
 aattaccctt tatggngant catttacata ttnaaatgnc ttggatcaaa accattcacc 840
 ancattcccc accattaaat gntntnnn 869

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (763)
 <223> n = A,T,C or G

<400> 4226

tnaaaataca	ggctacttgt	tctttttgca	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgactg	cactaaaaat	120
caactcagct	at ttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cactttttaga	gaggcttttc	tgtagtagtc	aggggttaca	cctgttaacc	agccataatt	240
ttttttttaa	gcggctgtgc	tgaggatgag	cccatgtag	ttggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	360
cagcactttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagttagct	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaag	ggaagcgaat	aggctctgta	gtaggtggca	aaaggtggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaac	ctt		763

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4227

gnnnnnnnnn	tttnnaactt	ttcaaatac	ngctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccgag	cttggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccatggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tcttgagcct	gatggttgta	agagtgggaat	240
taactgccct	atccaaaaag	acaagaccta	tagctacctg	aataaactac	cagtgaaaag	300
cgaatatccc	tctataaaac	tgggtggtgga	gtggcaactt	caggatgaca	aaaaccaaag	360
tctcttctgc	tgggaaatcc	cagtacagat	cgtttctcat	ctctaagtgc	ctcattgagt	420
tcggtgcatc	tggccaatga	gtctgctgag	actcttgaca	gcacctccag	ctctgctgct	480
tcaacaacag	tgacttgctc	tccaatggta	tccagtgatt	cgttgaagag	gaggtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggt	tctcagtgg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tggtttagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaatttac	tcttggaata	aataaaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	ngggggggccg	nntttacctt	anaatcccgn	840
accttggtgatt	angnatnccn	tttnt				865

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1228)

<223> n = A,T,C or G

<400> 4228

ggccngtncc	cettattgga	acctttctaa	tgctggtnta	ntccangtac	cnntcgtacc	60
cacgattcga	attnggcacg	aggctccacc	cagttctccc	agttcntnat	ggacgactcg	120
ctactgctgg	cctngggggg	gttcctgggg	cgcacaaact	cctnatccgg	cgagattgct	180

gtcatcagcc	tanactcctt	cgcgctgctg	tcccgentgc	ggaacaagnc	ctatgacgng	240
tttggtgtt	ggctcaccen	ngaccagcct	catcttnngg	aacctgcacc	gnattgnana	300
tatnacctnc	tgctntgtgc	tgngcttaa	cnttgnctan	aacnatgtgg	agtnngagaa	360
cgtcaacgng	gtgaagcngg	ctgnttaaga	tccanaacct	caatgncngc	nncgtccgca	420
cgggtgatgg	ggcccgnctg	cancegnttc	nacagtccctg	anttaaaaca	gttnngccta	480
ccnnncaaan	ancnatncat	antnctnatn	tctnttnttt	ncttcnaann	tnncatctcn	540
ntacttanaa	tttnccttnc	naancntttt	cntnntttnn	tnntancntn	ttctnnctcc	600
tcccnnttct	ctatcntgan	nttcanntan	tcttnnnnta	ctacattctt	canttcatan	660
tcnetcanan	ttnnnctcnt	annntncatt	atccttncta	ncnnanactc	ttatcacent	720
cgcanaacanc	tantnnctn	tcacncnatc	ttctaataana	catncctcct	ctcgencatc	780
tctnacnctg	taacntctat	atntnnttcn	ctgcatnctn	aataatata	ntacactcan	840
nacaananna	canacaccnc	tcatnttcat	acttntnaan	nctccnctcc	tcatntnttc	900
tcgtcttnta	catactcaac	tactctatat	ancgtngaen	cnggnnatct	ctncgaannt	960
tctcnctcac	ttnagtcacn	attntatcac	tntcacttca	tntcncgtct	ccntctaaca	1020
nnnccattac	cntcantngt	gntnttnnct	cnetcacten	ctntacatca	tnnactnntc	1080
tantcatgct	nanatatang	tcncttcana	tacnncgnta	ncccnngnat	nttntctcan	1140
aaccacnnt	ctatntttat	tttcgtacac	tgcaatcnca	taatcttcgg	catcnttcca	1200
tccgncatct	ncnnnnnata	tcanntnt				1228

<210> 4229

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(920)

<223> n = A,T,C or G

<400> 4229

gngnnnnnnnt	ttgnaacttg	ctaagtctgg	ctactngttc	tttttgcagg	acccatcgat	60
tcgccaacat	ggtggtctca	aactccccac	ctcaggtaat	ccacctgcct	cagcctccaa	120
aagttctggg	attgcaggag	taagccacca	caccgcctct	cagtgcctgg	acttctgcag	180
tggacttcct	ttaaaaatcc	tggaaatatac	actgcagtag	aagaacaaag	catacttcag	240
tcgtttaagg	ctgaggtatg	ctttgttctt	ttactgcagt	gtatattcca	gccttaaacy	300
actgaagaag	aatgtcaagt	ggggaagtgg	ctttggtttt	cagtttgtgg	gttctgaatc	360
cacacaaaga	caggattgct	ttctgaaaac	ctgaattaat	tattgtcctt	acctcaataa	420
gacaaaaaat	tagaatcaaa	atcgtagta	ttacagtcac	agatatcacc	aagattagtt	480
tggtgttata	gccatatact	ggaacttctt	tcgtgagcta	aaaaaaaana	nanaaaaaaa	540
nctngagcct	ntagaactat	agtgagtccg	tattacgtag	atccagacat	gatnngnatn	600
cattgatgaa	ntttggacaa	accncaact	tngaaatgca	tttgnaaaaa	aatgcttaa	660
tttgngaaa	atttnnggga	ancnttatng	gctttcantt	tngnnanccn	nttntnnntn	720
cnnngccttt	anaccnangn	ttanctacca	accnaattng	nnattnnatt	ttnnantggg	780
ntnnaagggt	ttnaangggg	ggnaangnt	tnggnaagg	ttttntnaa	nttnnnnccg	840
gccnnnnntn	ccnaantnca	nttnggncnc	cnngecnccc	anantttttt	gnccccttn	900
tatngagngg	gtnaanncct					920

<210> 4230

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

```

<400> 4230
gnnnnnttta annnnnnnnn ttttnaanat acaggctctt gttctttttg cagggatccc      60
atcgattcga attcggcacg aggtgattcc tatttcaata tgtgaaacac ttaaccaaag      120
aatatatttc gatgaatctt aaacttgcc taaaaacaga agaggttaaa aagaatttag      180
aaaaaataaa gtttttagagt gtttgagaat gtgtatataa aatattttca aagccataat      240
atggatgctc ttatggctca gaagcatgcc tactagaaca cgtctcggaa tgagagatgt      300
ttaattctgt cacctcccag aaagttttgc agggtttctc acttgaattt gcttcccttt      360
gcaacctctt gtcctgaagg ccccttccc acctggaaat gctgaggcat ggggtgtgata      420
agaatcagtc attttgaaga gaataagatg atgactttat taacatttcc atatatgctg      480
attgtgtgtg tggcggggtg ggggctgggg tggaggctta aggcaaaagc tagaattagt      540
catatgaatt atgggcttgt ttggagaccc acctgaggct canccctagc cctcacccac      600
ctggggagtt tactacctgg gggcccccct tgnccatgcc tccacttcca aaacaattca      660
attgcttttt ttttgggtnc caaaataaaa cctcagcnt agcttcttgc cnannnnaaa      720
annnnnnnnn nnnnnnaaac tcganccctn taaaaactat aagtgaggtc gggtttaccg      780
tagatnccna accttgataa gaaaacattg      810

```

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

```

<400> 4231
gnnnnntttt caaatacnng gcctcgtgct tttgcaggat cccatcgatt cgaattcggc      60
acgagagtca ttacaagtta ggatcctggg taaatggcaa cctccacctc ccaggttcaa      120
gcagttctcc tgccctcagtc cccacatag ctgggactac aggggcacac cagctaattt      180
ttgtattttc agtagagttg gggttttacc atgttgacca agctggtctc aaactcctgg      240
cctcaagtga tccgcccacc ttgacctctc aaagtgctgg gattacaggc atgagccatc      300
acgcccggcc acgctgttggt ttcttaatga cacagcttaa ctttattgtg aaaagattgc      360
agcaacaaat gagattttac ctgtatttgt taaaaatgct tatccttgct taagactggc      420
aacataagca gttcttaggc ttctatgcc aatggacacta ggcagtaata catgtgcagt      480
gctaatagaa aatattggag taaggggtga ctaaggaagt tctcaatctt tccccttcac      540
tatcttctgt aatgtaactt caataaatgt gattctcatc ttggcacaaa attgggaaaa      600
aaaaaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntcnggcct ntaaaacttt      660
agggggggtcn tttttccntn naccnncnc cttganaang aancnntng gnnngngntt      720
ngggcccanc cccaacntg gaatngnng ngaaaaaaa aggnnttttt tnggnaaaat      780
tnggggnngg ctttngnntt ttttttnnan      810

```

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

```

<400> 4232
caaatcnng ctactngttc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc      60
atgccgggct aatttttgta tttttgtaga tacagggttt naccatgttg gccaggctgg      120
tcttgaactc ctgacctcag gtgatcccc gcctcggcct cccaaagtgc tgggattaca      180

```

```

ggcgtgagcc actgtgacgg gccttacatg caatTTTTat ttatagccag tattagagaa      240
ttactaggaa atttcatttt tatatttagt gggagaaagc catctacagc atgtcttcaa      300
gcatggacta tctgtaacat acagtgtgct tgcttttgaa ttgnttgant gttaaatggc      360
cgtaactgat tgnatttttcg ttaattgtta atanataaac cagatgttct gaaatctgtt      420
cttaaagcag ntgcctctcaa tgggtgnttt gcctncctgc ttctgagcct cttgggntta      480
ctggagagta caggtcataa agagacctga actcttggtg tatcaaccat tatgtcatcc      540
tctnactgcc aacatttttna aacagactga ggtntgcctt tcgtaanaaa catntactta      600
catattgcca ttccttggnnt tacctggggg aaagcccnaa tcgttnttag gacttnanan      660
ggaganacac aggtctnttg aaanggatgc cgggggctta atnaaataaa aaacttttgg      720
ntcaataana agtctggnat taaaaacaan attaattcaa catttntggn agaagggnacc      780
ttggggcngg gaat

```

<210> 4233

<211> 927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (927)

<223> n = A,T,C or G

<400> 4233

```

nntggggntt tcnnnncntg ggatactntc tctctgnagg ngncgatggg attcgaattc      60
ggcacgaggg ggagnaagag gggtngtngg ttggaaggag gaattctcct ttaggggaaga      120
tgtctgggaa ggncntntctg agagagtggc ctttngaaaag gagaccctaa ttggntgacg      180
gatgagaggg tgaaccatgt aagtatctgg ttggaaaaca ttncaagcgg ctncagangg      240
tntgtgcaaa ggcctnttga canggtcacc cnngnttaca tgcccnccnt nagccagcct      300
nntaaagnaa agggtnntcat naacaaattg cnaaaancct nnnnaggttn gncanaggag      360
ggagaggcnn tggaatgttt tgctngaata gggttagtag tgccctnca tgattgacca      420
gttccccctc tcnanaatgt tncctnactg ncgtaggttt atgtagnggg ggnctgccnt      480
cccatanttn gncctctctn tancttggn cttgggnttg gatgaangtn catccganna      540
cancttttta nagttgccc nctgtctcna ttnacnna tn acccccnncg aaactttgtc      600
tcccnancac cccaaggatt tcccttnggg tatcgnccnc anaanaaagc aannngtngg      660
atcaaaantaa tgggcnccca ncantttttg aattatncta cncctgnaga ctcccnttca      720
nttngcnttt taaaaanccn cttttntnn cgggntnggg tgcaantnnc tcttnaaatt      780
ctaaacnnat cttgnnnacc ccncctaaa cntggnnnng gnccctaan ctttccnact      840
tcaacaaaan ngtgaanttg catattatct tncatttttg ntctntaang acccnaatgc      900
nngngnttat nannncanan nncnnncn

```

<210> 4234

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4234

```

ggnnnnnnng nnngttnana cccccnnnnn ttttcaaant ctaggtact cgttcttttt      60
gcagggatcc catcgattcg aattcggcac gaggtttagt cttgtagctg tatagcattc      120
cattgtataa cttataattt atttatgggt tgtactattg atgaacattt gagtagtctt      180
cagtttgtaa ctaccacata tgggtgctgt atgaatactt ttgcacaggt atgtgaacac      240
atgtacacat tgcagttggt atatatacag tactgaatta ctggcttata aatatcatta      300

```

```

aatttttaaaa acaaaatttaa ttgccacaag catattattg tatctttgaa ttttaaacca 360
aattaaaaaat tctatgagtt gttgaatatt ataattgtac tattaagttt aaattgtctg 420
tgactatagc tataagacga tgcccatggt actttgaatg gcaacactag caaaataata 480
ttctaaggaa gagggacang ttttggggga caactancan tgtctgtagc ataatataga 540
ctacaaattg attactatat caccatgaa ttttagctcag actcaaacac aaatttantt 600
tctttaaaaa atagaaagtc catttatntt taaatggggc ctgattttcn nanaaaaaac 660
nnaaaannan aaaaanccgn ccctttaaaa ctatagggga gtncgttttn cttnaatcca 720
gaacttgata ananacattg ttgagtttng gccaaaccac aactagnatn gcantgaaaa 780
aaaatgcttt tttttgggaa atttgggat 809

```

<210> 4235

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(853)

<223> n = A,T,C or G

<400> 4235

```

agngtnnnnn ttttctaacg ntggntactc gntctttttg caggatccca tcgattcggc 60
acaattggta ttcaaaccac agtctgtttg actcccaaac ccatactttg aacctgaagt 120
ctgtactgct gaaagtttct ccttattgaa gaattttatat tttgcattaa tttatgtctt 180
cagaattata caaagtattg ggccacacca aatttgagtc tggatatagta gccttcttgt 240
aaaaaattat atcatataac atttttatga ctgtgaagac ctcttaattc ttcaggaagg 300
agggcccttt ttcaaatacag acatcctggg gtttttactg accttatttc attctctgaa 360
gaatgaagga atttcccact ttgtagtaag tcatggaatg tatagcattc cttctatagt 420
tgaaccagat aaatattagc aagtctgttt agaatatgac actggaagtt ttttctgtc 480
tttttttaaa agagggtttt ggaattatag tcaatctgaa acttgggtctt actaataaag 540
aagtgaacc taagtgaact cccttgctcc ctgatggctc ttggtataag tctcacttaa 600
gtttctctga cgattttcag ggttnatttt tgtgagtgac ccaaggaacg gtgtattttg 660
atttgaaaac tgaatggntg gaggtgtgta ttggaagcaa tagtctgaat ctttttgggg 720
gtnatatact cttttttgaa gctgatgaaa gcttnggnaa acntcccana aaataaaccc 780
ttaatecngc ncatnaaang gaannttngc atttcnnntt tnngcngacc cngntnaata 840
tncaattntt nnn 853

```

<210> 4236

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4236

```

nnnnntttta agancagctc ttgttctttt tgcaggatcc catcgattcg cttgctcatc 60
ctcatttggt aaactgctac gttaaatgtt tcaggatatgt ctgattgacc tgggctgctt 120
ccgagaaatt gatgagctaa taaaaaagga aaccaaaggc aaagggtctt tggaagtact 180
caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc agtctcttca 240
cctctaaaac actaaagtgt tttcgtttcc aacagcactg tttcatgtct gtggtctgcc 300
aaatacttgc tcaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag 360
gctttcctac ataagtataa taatgtggga atgatttggt ttttaattata aactggggctc 420
taaatectaa agcaaaattg aaactccagg atgcaaaatc cagagtggca ttttgctact 480

```

ctgtctcatg	ccttgatagc	tttccaaaat	gaaagttact	tgaggcagct	cttgtgggtg	540
aaaagttttt	tgtacagtag	agtaagatta	ttaggggtat	gtctatacga	caaaaggggg	600
gtctttctaa	aaaaagaaaa	catgagcttc	atttctactt	aatggaaactt	gtggctctgag	660
ggtcattatn	gnatcgtaat	ataaagcttg	gatgaatgtt	cctgattatc	ttgagaaacc	720
agatnttgaa	aaattgnggt	cgggccttaa	ataatttcgn	tggacatgct	gncataactt	780
aaaatat						787

<210> 4237

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(819)

<223> n = A,T,C or G

<400> 4237

nnnecgnngtn	ttnaacnnc	agnnttttag	ccnagctatc	gntcttttatg	cngganccca	60
tcgttcnaat	tccgcacgag	aaancatcaa	gggtggctgnt	tgnnagcant	gatgatgacg	120
aatctgattc	tnangatgac	agtaatacnt	naaaattnaa	ccncaanttn	ngggcngagc	180
tggacaanaa	ggttnntgaa	nactnaanat	anttagactt	ncctnntgtn	ctnatttttt	240
gacatagggtc	ctnaaatctg	gntnaangca	ggcgccccctt	atcctacntt	atntcatcng	300
ggngtctant	aggagagtga	ganttntgtg	atccnntntg	attgggncan	nngtagatgg	360
aggcggtcca	cataccaatg	ttggaatnta	agcagtgcgg	ggaggtnntac	atnngcagtn	420
ctctccncaa	gctaattcnn	ggngcagggg	cnatnatnca	tgggtnttgt	ctgtctgtgg	480
aaacaatgna	tttangcnnc	ccnctggca	cnnctgacag	atcttcggat	gntgctcttg	540
tntctaaaaa	ctgggtgtcn	agangaacac	tgatgtatgt	anatgaaaaa	aaatnctngc	600
ttaggganng	nggaatcttg	ctgaagngaa	aaantnaaag	ncctngantt	tttttncaan	660
ggntntttgc	naaaataann	ttaaacgaat	tgtacnnaac	acntgaaacc	gtangntggg	720
ttttnanttt	ttnggggngn	tnaaannntt	ttggtccaan	nnnggcagtg	nccttncccc	780
tttctatatt	aaaaaaggnt	tcggtancnc	aaaangaat			819

<210> 4238

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4238

gngngnaaca	cngaananag	aaaccnanna	aacggcncna	anancnggna	aanacangcn	60
ncggncncg	ncangaaccc	nttgcaacnn	ncctntangc	agancccccnc	ganncgngtc	120
ngnaangccn	gctgcntggg	aggccagggg	caggntaat	tcncntgana	nnnagancag	180
gnngaanan	nngccgggcn	gggnagaagn	nnaacggaca	atgncacatt	caaagcanga	240
nccacccana	nagcgnagca	nnggnngaag	ccagggaang	gacncnctgn	canttggaag	300
actngggaag	ccngaaggan	cgagggggcc	tgccggncn	acaanagnag	ctcantngaa	360
gggacgttna	cncaannggg	acgcnagaac	gcggccaanc	aagatacgaa	aggggaaann	420
ccggnacgag	agcccngggg	nacggcncnc	ggaaanggct	agaaaaaaga	ataaaggggn	480
aanngatcgn	aggnatngag	ggccatnggg	ancacaggcn	caaaagnggc	cancaaagan	540
cacagnggaa	gngnccanag	nactnccggg	cgggagatca	gggggngata	aantgaataa	600
ccaaggccna	nggacncgaa	aaaaggngng	nccaaaaang	ggggncnanc	aaggggggag	660
cnnccaaaga	ggncaaaaana	aaatngccng	aggggcnaga	gaaaccnccc	ncagaaggan	720

gggggncaan	aaaatcnaac	cnnnngggnn	naaangnggg	gggggggaaa	gggacnntca	780
ccaaaggcnn	canaaaaann	ngaagggn	ccccccnnca	aaaangnaaa	aangggaaaa	840
accnntatnc	nagttcaggn	naaaaagtng	gggggaaaag	gccnnaaaan	aaattaaatt	900
naaggangaa	anccnnngag	annaaccccc	canggcaa	ngggccaaac	atgggnncac	960
ncggggcnng	gggggcatng	ggcccccaaa	tnggnccccc	ccnaccgggn	aaaggggggc	1020
aaaaaaggan	cggggngana	aaaanggn	gcctcccata	gggcaaccat	ntgcacgggg	1080
gccnccncaa	attnggggnag	ggnaaann	aantcgcnca	ccaatgttaa	ngggaaaagc	1140
aaccggcaaa	aggggcatnn	ggaangangc	cccnagnaaac	caaanagaca	ncaggntagt	1200
gaaccttcn	aangggaaat	aagatnccgg	naaaaggcaa	ggncgnaaag	aaagtngaaa	1260
nccgangnaa	ccngangana	aggcnnaana	ngggaancna	ttacannn	aanaagnagg	1320
caangntgn	ggaaagaaa	atccaaagcc	cnngggngnc	agnatgccng	gnaaaantgg	1380
gaagntanna	ngancctgcc	aaaggcttng	gaaaaacnnc	c		1421

<210> 4239

<211> 864

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(864)

<223> n = A,T,C or G

<400> 4239

gnngtnnnnn	ntttncann	tnggctactt	gttctttttg	caggatccca	tcgattcgan	60
ntnncaggcc	ggggnccgtg	cattntngat	catnatcttn	ngntatgaat	nggaccttta	120
cagtcactga	caggacaaca	acaggctgga	gtngngcccc	atnctgctgn	ngtgcctnna	180
agaccacanc	cctnanaggc	tnctggctct	gctgtgcatn	gcccattgga	tgccganggg	240
ctnatnactc	anactagtac	ctcacntgat	cagatgncag	aatcaaccaa	atnntgcaga	300
tttcagtcng	ttgtgaagta	tttgctgcat	caacatgtag	aacgactaac	attcatgatg	360
aagccgagaa	acatncacaa	gtcctgncgg	ctnaaaaagc	ttatgatcct	gcacgntntc	420
tnatagtngg	ctaaacagat	ggtataaact	gacgaanaga	cagctgctac	tgctcctgcc	480
aatgtgagca	aaggcacaat	actacttgct	ccaggaccta	aacctgttcg	aagaagattg	540
taaattggaa	gatgaattta	ggccagaagt	ngatgaacat	acncaaaaana	cgggtgggct	600
tagctgctgn	ncntgcatca	caacctnntn	ttnncagntc	tgctgggaac	gataaganng	660
tnntcangca	tcaattagn	gtaataagga	aaccngcanc	gatttngncc	aaatgggnata	720
gcctattgca	gggncnaatt	taaaggatgt	ncttnnngag	anaaattacc	tggggaagttc	780
aactgggaac	aacntcnaac	cattntctna	cctataagcc	aantggccgt	taactgtgaa	840
catncttggg	ttttaaaann	gcnt				864

<210> 4240

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(468)

<223> n = A,T,C or G

<400> 4240

ntccttttga	ntacntntac	aagctacttg	ttctttttgc	aggatcccat	cgatttcgaat	60
tcggcacgag	atttcaacat	actgttgctc	aatcatcgty	actcccccaa	tttctctttt	120
ttagaggaaa	gtattgtaca	gatgtatctt	gaagattata	atcttggttg	attattgcct	180
attctcactt	taggaataga	tggtgatagc	ttatgacttg	tggtgtataa	cgaggtagaa	240
atattgctgn	cttctctgac	atagcttctc	aaagagatca	ttaatgtatg	atatctaata	300

aaccatctaa	tgcatgtaac	agtgatcagc	aaattaataa	attagacctc	tattcatgct	360
taaattatca	aagctaatat	ttaaattgaga	tgttctat	taattaaaat	ttctggcacc	420
atcgttaatg	agacttagaa	tttcaactag	tgtatttagc	tcttactt		468

<210> 4241

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 4241

gtnnttnnnn	tttgantnca	aatacaagct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acagaagacc	aagcgcacgc	ganccctctt	caagcatcac	cagctccgga	120
ccatgaaatc	ctactttgcc	atcaaccaca	acccggatgc	caaggacctc	aagcagcttg	180
cccagaaaac	aggtctgacc	aaaagagttt	tgcagggaga	acaaatcttg	gggcattaca	240
gccaaacatc	ccgacgtttg	aaaattccct	aaagtattaa	aagaagggga	aaagtttgat	300
cggaaatcca	ctgcagtga	gacaaagaca	ctattagggt	atgataatca	tacattaaaa	360
aattttattaa	gccaaaaaaa	agagagagag	agagacttaa	atgtcattta	ctgaatgtta	420
acgaaacttg	tgttctttat	ggtgtctaac	acaactgaag	gcctaaaatt	atgtgg	476

<210> 4242

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4242

gtntttcn	aanngntggg	aactcgctct	ntctgcagga	tccctcgatt	cggaaatata	60
gngagatgtg	ggatgtgaat	gcccataaaa	gacatattat	tacacttgaa	tatattcttg	120
cttcaacttta	ccctncataa	natgntgtac	attagtgtctg	atcangttta	cagagntaca	180
tgggcgcctt	cctaaccatt	cagtnangaa	ttaaaatatg	gcattgtata	acaactggga	240
agaagctcat	agnggatata	aagtagagta	gataatgggt	caccttggat	agcctctgat	300
acattcttgt	atatgggcaa	aataatgatt	acctatacgt	gtattttaagc	ttaagcatca	360
tataaacagt	ctttttaanc	ttatgggtaaa	ntnmatnata	tntaaaagct	gtgatctcta	420
ggnagtcctt	aagtnattag	tacnagnactt	naaaaagatt	tttaatagggt	ccgncaccgg	480
tggntcatg	cctgtaatnc	cagcacttcn	ggaaggctng	angcaggccg	aatcacctga	540
aggctcnngga	anttcgagga	tcanaccttg	gccaaacatt	ggtgaaaacc	ccntgggtctt	600
aaacttaaaa	nnnttttaaa	aaanntaagc	ccnggccntt	ggntgggnan	aggcgncctt	660
ggtaaaccn	aagctntcct	ttaggaaagg	cttgnaggcc	anggagnaaa	ttancnttgg	720
aanccnnaaa	gggggcanaa	annctttncn	gtctcngcnn	aagnaatcgc	antcaaatgg	780
naactntcan	accntaangg	ggaccaagna	ancncnnana	cnttnattct	tcaaaaaaaa	840
aaaaat						846

<210> 4243

<211> 789

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4243

tnananctgn	tncncttca	aatnctnggc	tactngttct	ttttgcagga	cccatcgatt	60
cggggaagagg	atgactgggt	atgctgtgcc	acccttgagg	gccatgaatc	cactgtgtgg	120
agcttggcct	ttgacccgag	tggccagcgc	ctggcgtctt	gtagtgatga	ccgtactgtg	180
cgtatctggc	gtcagtatct	accaggcaat	gaacaagggg	tggcatgcag	cggtcttgac	240
cccagttgga	aatgtatctg	tactttgtcc	ggcttccact	caaggaccat	ttatgacatt	300
gcttgggtgc	agctgacagg	ggctctggcc	acagcttgtg	gggatgacgc	gatccgcgtg	360
tttcaggagg	atcccaactc	ggatccacag	cagcccacct	tctccctgac	agcccacttg	420
catcaggccc	attcccagga	tgtcaactgt	gtggcctgga	acccaagga	gccagggcta	480
ctggcctcct	gcagtgatga	tggggagggtg	gccttctgga	agtatcaacg	gcctgaaagc	540
ctctgagcta	cctcgacttt	ggacagagta	atgacttccc	cagaaaacgt	catataagac	600
ttttaccagc	ccctgaanga	ccaagagggga	gccattcctt	tgaactttca	tttaactttg	660
gnttnacttc	tcttttaaaac	ttggggtaga	aantgcaaaa	gccncanaaa	attgcttttc	720
cnttcccccg	ccttttgaac	atgaaggnc	ttnaattaaa	agaagcttcc	cggaaccatt	780
naaaaaaaaa						789

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4244

nttcctaata	gtttcgntcc	ttntctccgc	ttctaangct	tggcgtgcac	tccagcctac	60
atgacagagt	gagaccctgt	ctcaaaaata	taatnataat	gaactgagac	tcanaaaaga	120
tgttttgttc	nggttacaaa	gtcagacag	gacagggcag	cattggaaac	caaaattgggt	180
ctgactccta	gctcatgctg	taaatcacgg	tgcaaggctt	ctactatcta	tggtgttcc	240
aaaagaatgt	ataaatgaaa	agatggttaa	catattaagc	aaaatatgtt	aaacgtcaaa	300
tgaactgtat	aaacgataaa	tgctggagag	ttgaggtggc	aaagaactca	tgcccagagg	360
gatctgggaa	ggcctcttga	caaggtggaa	ttatagctgg	tttttgaaga	atccgaaagt	420
gcttagattg	aaaggtgaga	catgtacagg	aatggtttct	aagatgtcat	attntatctc	480
tgctcctcat	ttgactggca	ctaatagaac	tcaaagattt	caacctaaat	acattgagtg	540
cccagtatgt	gaanggcctt	atttatgggtg	gttttaaaagc	tttttaacat	actttaaaag	600
aagggactgg	ttaatctnca	ctgnctagat	ccattagacc	ccggaccgga	tggccccang	660
ggcctttggg	aatggcgtgg	tgggacagtc	ttncactttt	gcacataccc	aagaaaagaa	720
tggncctttt	gggaattttg	cagacctaca	atctggagg			759

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

```

<400> 4245
tcccccttgaa anccentaac caggcttcnc angncaaacn ntttggaana nccaanacnn      60
aaaanaaang gganggggnac nncngcacgn ngcaagagan tacacaganc ngacngnttt      120
taacgannat cgnaaaaccc caaatggang gannttgagn cacntgcnaa agggcccaac      180
tgctcanttt aaaaaagagc agngtccgac annngcaaag aaangcagan naagaggcaa      240
ggaccccaca gaacacatan ctgaaaataa tncngaataa ntnnacaaca cgggtggggn      300
aattcaannng gacgnaagnn ngcatccntn ntccctnata ancctcaaat gnaatcggga      360
aggcaangnt ggccacaatt ccacaaanac acgggattta ccatnannnc tncangattt      420
caccaggata ccatantcaa ggagtgaana gaaaagtggg gaaattcaag gaacttggga      480
cccacnngn nanacntta aaaatnaagg gactcntcaa gaaaaggga ccntnangag      540
tcnnaaaaaa aggggaagang aatggaangg ggnccataaa ggcccnggn aaaagggatn      600
caagnaagaa anaaaaatgc aanttanaaa ggactgggaa gaaagganaa naggnnncag      660
gcgaaaacag ggcccattta ggaanccngg ngaaantaan tncngncnag aaaaccnnn      720
gcaaaaaggg naantcgnnn nnacnnanta aaanccnnc aanggatngg caaanncn      780
aaagggntag aaangncanc ngagcgagnt acacgnanaa aanncnata ananntaann      840
cc                                                                                   842

```

```

<210> 4246
<211> 740
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

```

```

<400> 4246
gnncccttnn ctntacanta caagctactt gttctttttg caggatccca tcgattcgta      60
tctgtctgtc ttgatcteta ttctagcttc tttttctgat tggccctctc ccctctcttc      120
tgtctgattg gcctgtatcc ttccatcacc ccatctgtct gctggattct ccctgtctgc      180
ctgcagtaat gtatgtgata gcactttata aattataaag cactatgttg tataaaacac      240
cattatcact ttgtcttctt tcttacctta tttttctctc ctttatctgg cttcccttct      300
tctctctttc tctctctctc tgtttgcttg tctgcacccc ttttggtgat tttgctgcc      360
ttctctgtca gtcaatctcc attccctccc tgccagccta tttttctgcc atccctcttc      420
tctgtctgct cagttcttgc atctctctct ctgtgtttcc aggtttctct atatttcttt      480
tgctgtgtga gtctctctgt cgttaggcct tttatctatg cctgtgtgtc tcaactgtcta      540
nctgcttgtc tccctgcttg tcaactttcat tgtggggcat caagtctctg ccttctcttg      600
tctttcaagt acttcaaaaa ataaaaatta aataaaaaat taaatcctta tgataatggg      660
tacangagaa attttttgtt taatgagaag atataaggng agacaaagaa ctcaaaatta      720
ctgtgaaagc aatgaanaaa                                                                 740

```

```

<210> 4247
<211> 465
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```

```

<400> 4247
agccttttgc nacnctttc aactacttgn ctttttgcag gatcccatcg attcgccaga      60
aagtgccttt acatttttgt cttggaacaa ctntgcaatt tcattctgat ttaatatctc      120
tagtaataaa gcattcttccg actccacatt cttatctctg ggcagacatt ttattcttaa      180

```

gaattgtagt	gnttgatnag	aagctnaatg	gagatgatta	acgtgtcaat	gattaataat	240
tataacaaca	ttcaaact	tagaaattat	agnatttcat	canatgtctt	tttaaagagg	300
catttctggc	cagttgtggt	ggctgacctt	tgggaggctg	agacggctgg	atcacttgag	360
gtcaggagtt	cgaggtgaga	ctggccaaca	tgatgaaaac	ccttctctac	taaaaaaaaa	420
aaatacaaaa	attggccggg	catgatggca	ggcgctgtga	atccc		465

<210> 4248

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4248

ggngggggn	tttttttnaa	annnnnnncn	ntttttttgg	ngaaaaaagt	ccccgccagg	60
gccttacctt	tgggtntnct	tttttttggg	ccaggggaat	ccccccaatn	cggnatttc	120
cggaaaaatt	tccggggcca	cgggaaggaa	aaaaccaa	tantnaaacc	ttcaaaaaat	180
gggccccttt	tentaacagg	gnacttaccc	aaaaagcctg	gtcctggtan	tcaagggttt	240
aatgggggtg	tttaaaaatc	cataaaat	tctgggggaat	ccatggaatc	cttaaaaacc	300
ttttaaat	ggtttcccat	tttcttacnt	ttacttcntt	ttactaaaca	aaggtantcc	360
ctggaatggg	cctggaaaaa	atnccatggt	ttggnaaaat	tttggaaagg	tttttggaaa	420
ttttttccca	ggaatccaaa	aatantggaa	aaaattttta	ttttttccaa	ttttttttta	480
aaggtaccaa	aaaaataatc	caagtttggt	antaaatcaa	ttgggtaaaa	aaaccattaa	540
aaaatttttg	gcttattaaa	aaaggaat	tttaaaangg	gcctaatttt	ggaattttaa	600
aaccatttta	atttacctta	aaaacctctt	tttggttan	gaaatttttt	tttaggaaa	660
atttcaagcc	attcggggaa	gggaanggaa	atggtggacc	attaaattaa	atgggatccg	720
aaaaggcccg	aaaagggttt	aaaaaagggt	tgggtggaatg	gcccntcaca	atgggggttg	780
ggaanggggt	taattctaag	ctttcttaaa	gggactggaa	tgggtttggt	ccacaaagga	840
agtgggtccat	caaggtcata	aattngggt	aagacttaat	gggcttanaa	tttatggna	900
tttataccct	gatggtattg	gaattgagat	gaatatttta	tgaacaaaaa	tggagccatt	960
gtgtaagaag	tatagtatta	aatataagtt	aaaacttgga	attttaaatc	cttggagtat	1020
gtnagccctt	caaagctctt	gangctgaag	gcccgatnt	ttgcagtggg		1070

<210> 4249

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1336)

<223> n = A,T,C or G

<400> 4249

aggnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngnnngng	ngnnnnnggn	nnngngngnn	60
ggngngngnn	nnngnnnnnn	nngannnnng	gnnnnnngnn	nnnnnggnnn	nnnnngnnnn	120
ngnnnnnnna	gangnnnnng	nngnncnnna	ngangggngg	nnngnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnngcngnt	angntgggaa	aaaancccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttggggcnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcgggnn	aanatgtgnc	gggggncnaa	ccggnaaggg	ggaangngga	nagnnnnngg	360
ggannnnnnng	nnnggnnagg	ggnnnnnnng	ngnntttttt	ttntnnnaan	aggccnagnc	420
gangnnnggg	nnngggnngg	cngnnnnnaag	ggggnggggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggncnngg	540

aanggaggng	gnnnagnnng	nnngagnnac	gngggcgnnng	gngngnaang	ccnncngggg	600
gcngggngan	gnngnanan	nggggnanag	nagangggag	gngggaaagg	gnggggccgg	660
aantgnngga	gnggcaaggg	angnnnganc	ggagggangg	gggcgagagg	angagccnat	720
cgagnngggg	nagggngnac	aggaanggan	aagnangggg	gnaaggcgng	aancgaaggg	780
gggggnatga	ggaggagann	gngagngctg	gggggaaggg	ggnanngggg	gggggnngnn	840
gagnnngnna	gngggngggg	ggangangat	gggagcnaa	cggaggacaa	aacggcgccn	900
caggnggggc	aggnanaaaa	gggccgggag	cggngcgngg	ggggaggngc	ggnggtgtan	960
gaggcaggna	aattganngg	gagacnnggn	gngcgngnga	gggnngaana	gngnnngaana	1020
naagacggaa	cnaagtggag	gaggggggnan	nnggcgcagg	agagngaggg	ngtanggnag	1080
anananangg	nnaggacngg	ngncgngggg	nngagtgagn	ggcgcgangg	agngngagg	1140
gagcgnggan	ngagggngng	nacgggggatg	gggagngcng	ggggngnnnc	gcggggcggtg	1200
gggacnccng	gggggggggg	gggnnaagnn	ancnnggggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gngggggggg	gagagnaang	agnacngggg	gggggnnacg	nnggggnga	1320
gngcgagnnn	gcgcgg					1336

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4250

tcngngagt	gtatgtctcg	cntcnccgaa	nagcaggcgg	ngcgaattcg	gcacgagncn	60
aaaacttngn	aataanncac	tttcattnnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaagct	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgatg	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaataattca	ttgtcatgca	gtagtagtna	aaacatcnna	gatgcagcaa	360
gcntattaag	anntatattac	taaaagaaaat	aggaggcatt	tacatcttta	ttattgtact	420
cnggggatatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tcnggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540
nacaagggtgn	ttcaaancct	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaann	660
nccanaacct	tgaatnnant	gtggtanccc	ctgggncaaa	anaaangncg	ggnattancc	720
cactggnnng	gaanaacaat	tgcctaaata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggntcccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1351)

<223> n = A,T,C or G

<400> 4251

ttggnggaaa	accctttttc	caangagntg	gganaaacnc	cgatcgcccc	naangcgnnn	60
ggggcanaaa	gngcnatnca	gancgngnga	antnnagccn	ntttttannc	cccacnggca	120
ananangcng	annaaccngg	gnatnaanaa	nnggngcccn	nngncaaana	nnnanacncn	180
atggccnnga	angnncnacc	cttacnnaac	ncaatanccn	ncganancag	aannagntga	240

accnnnnnca	cntnacaaaa	nntctagann	nccgntcacn	caanaagnen	cnnggccann	300
acnnnacnc	nanncnancn	ncngcangga	ncncacnccc	cnncggnnc	canacnanca	360
ngacngacnn	aatantncag	annacncgag	cnntgacnta	annacncaan	tagcannngc	420
cnctcgngn	acncnnaact	ntngnngagc	ncnnagnnt	nnnnagctnt	acgcnncgat	480
agananagcg	naaaaacngan	nnnnnnctnt	cnanannnag	actangacag	acnnngncaa	540
cacatnnnta	gaacnngca	cacatntcta	ncgntatcan	cagnncaggc	annnnacaca	600
anagcancac	nngantgann	cacaanaatc	acgcntngaa	tnnncntnnc	tnannnnaca	660
caaccaanat	nnaanaatgn	aagnacaccg	aacactnnac	angcagacta	nactcngnca	720
cnnaananaa	gaactgacng	acannacaaa	tanaaacggn	ntctacatca	cagangtacn	780
nncagacana	ancnnengna	nnacaancgg	cncacacagn	tanacntntc	atagcnntcn	840
ancatccnc	agtgcacaca	agngcncgna	aannntcatn	tcnctanana	cggatnccat	900
nataggaaca	gnnanctgcn	tacannnctn	ncaagnaatg	nacagatgcn	cgcanganac	960
gnaagnnncn	nnatnctgca	tgcntngcnn	ancaaatggn	angatnaten	nanatncaan	1020
nngcngcata	caannngtcg	nctaacacng	atctgcatcc	atngacggat	anacgtngag	1080
tangcctnnt	cacctcnna	gatctgcgtn	ncganatcan	cacnatangc	ntnaanagtn	1140
nncagaacag	tacnagactg	gnnantnaag	ntannatngt	ntnnagtata	ataanncaca	1200
ngnagntaga	cnncaancgn	ngnacnanat	ncnngcann	cgcaaanaga	gcancnna	1260
gcgnaccgac	cgcagctaan	acanacnact	ntacnncaca	aancntnnga	ggccgntcta	1320
atnctncatc	nnnncacctg	nacnggaccc	g			1351

<210> 4252

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4252

taaanntnat	ggntggntac	ttgntcttta	cgcaggatcc	catcgattcg	aattcggcac	60
gagggagccc	agtgttcctg	ttcatgaaat	ctncctttta	ctggaaaaca	ggaatattga	120
ctaccaaate	acaatgcaat	tgaagccgta	ctgctttttt	gagcagttat	tcattccagt	180
gattaaaact	gattgtgcan	aatattctaa	gaggncanaa	attggngtgt	ntaactacat	240
ttttagtgat	gcaattnatt	gattagtggag	taagatactg	agttttattg	agagatttga	300
ttattataaa	gtaaaaatac	ngctgnatta	gggttacnaa	cagnaaagtg	tcttaatgnc	360
tnangagggc	atnttanctn	cactacaaaa	ccanatnttg	nctgtacttn	tgaanagaat	420
nttgtnngtn	ctcagctgnt	atncaananc	tnaggaagnc	tnatggntg	cnttctatga	480
catgtgnatt	gtgatntgca	tataagnatg	gggtgngtgc	nataccatat	tctnggttnt	540
taaaatctat	cactttncac	cttncacttt	gacgtggtaa	aactttaaaa	accaangtgt	600
gnaaacccnc	nggnttctta	aaatacnagg	ccttagatct	tatcagncgt	tttgacaaag	660
caggtttttt	caangntcc	ctcctnanan	tttttttnaa	cgggtcaaact	aangnnnttt	720
gaggnaagct	cttagtttga	ccggaaaagn	tgggncnt			759

<210> 4253

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1382)

<223> n = A,T,C or G

<400> 4253

nnncggnnna	nngaannngn	gnnnnnaggg	gnngggggcc	nnggnngann	gnnaanggnn	60
gnnnnnnnna	nngnnggaag	naaggnggg	aaaacagggg	naanggnnga	caaannnnac	120
nanngnanaa	naggnngnng	gggngggan	gaaanagggc	gnaagggang	gnaaggaann	180
gggannnncg	nngnggnnnc	ancnnnnnnn	annccnnnnn	gngggnnccn	nttngntggg	240
aaaaaacccc	ctttttgggg	gaaaaaaaaa	ncccccnng	nngnnngngg	naaannnnag	300
ggngaanaac	cccnacgcng	aaagaangng	gaanggnntc	anggacnacg	nnangggcga	360
ncgcccagag	ggcannnggg	gnagcnngca	nccannnnnt	tnccaacgaa	gggnananaa	420
cnannagncn	gcancnngn	cagggggngn	ncgncgangc	gcnnnanagn	acacacaaac	480
taanaagaan	nggaaganan	naacananna	acgaaangaa	cggnaaaaaa	gagacgggca	540
nngcnganan	aggagcnnga	cngnaggggg	anccnacngn	annaagcgng	gnagnnnngg	600
gnggaagagg	cngcncggaa	ngcnnnnnac	antccgnaac	naaanagnan	naangactag	660
gcaaccngaa	cnnacgcgag	ggnnncnann	gcgganncn	nnacnagcgn	nngaggggna	720
agcgcgcggg	acnaacgggg	nccncggann	ggganngaaa	angccgnaac	aaaagangga	780
cgnaaaaacn	acncananaa	cggnnagggc	ccngcagcnn	aagnaggngn	ggagggcagg	840
gnangcggga	aagcgggaga	cgcnnccagc	gagaagcgcg	cnaangaaan	ngancgggcn	900
ncgcgcnggg	nanncgngcc	ggnannagag	gacnnatagg	aagtgcacna	ncaaacgcan	960
cggcatcnca	ngaggngang	ngatgnggat	anagngancg	ngananncna	nagaganggg	1020
gagagnaagn	agancgcgga	angnacanca	angcgnagaa	ccnggagagc	gmcccangca	1080
ngngagaang	gnannagagn	nannganana	cggngcgagn	gangnnnnga	cacgangggc	1140
acgcgcggag	aganncgcn	acatgaagna	ancggnngga	tgggaaannn	gannganana	1200
cgganggaan	cnggggncga	gangagangg	ngaggcncac	cnaacacgga	gggggagcna	1260
ggtagnggca	nnnaangaga	cgcggacgaa	aacggganaa	ccgaaanggn	ggngcaanga	1320
nannanggga	agacgcacgn	gnggnnggga	gnaaannang	ngggaanacg	aaaaaaancg	1380
cc						1382

<210> 4254

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1245)

<223> n = A,T,C or G

<400> 4254

cgatacacat	cntnnncaaa	tgatatcnat	ntaanatatc	aatatnttnc	ntnttnatac	60
tctgcaannn	aagaaaagan	anantnaggt	gctgttgaan	ccatnanctc	ttgttttttt	120
gcagnnccca	cgnttcgaat	tcggcacgag	gttttcctca	ggcacaatga	gccactgcag	180
gcttttgagg	agaagagtga	caagctgnag	agctgtgttt	taggacagct	atcctagagc	240
tatgtgtggg	cagagagtac	aagcaggtta	tttatgaggc	tngggtaaaa	aggcagacag	300
gggacacatt	tgtcatatgc	cctattgagg	cncanaatca	nggaacagga	ggtctgcngg	360
ttncangaca	ggccaaatca	ngganaaaaa	ggactatccg	ggattancaa	gtcactggtg	420
atcganatat	cactttcttt	gaanntttan	aaatggtttn	tgttancact	tgcannnctc	480
ttcattaana	naacctgcca	caaaccaata	aanttanngg	tttaaaatag	aatcntgnag	540
ttatananan	cccaatggga	anctnggnta	atannttnta	nngggaanac	tnttnnngtt	600
naaaaaggga	aanntnnggg	aaancccgnt	nanangagag	nggnagnntn	tggcataana	660
gacgnggnnt	ctctctctta	aacganatac	gaatacctct	tnccgcnntt	acncnnnnng	720
tgntnnanaa	acgntatntt	tctacacggg	antctntgtc	gtttttttta	agataatnag	780
nagnacncaa	tacataantn	ncaagcncgc	gtnanaaana	nantgnacgc	tnannataan	840
aactcttntc	ngtatngggc	nctaantctac	ttaanggana	aagcttaata	taangntgat	900
ggcaagggtg	cccctgttag	antcnttacc	nattgtctca	acgatctccc	taacgttatc	960
nnntnngaca	ccatgacgcn	attngangcn	cacttantnt	gaacngtaaa	aagnntttnt	1020
gggggtgcnn	tannaatacn	nangtcncca	tcncttttnn	nggttanant	ntccnccnnc	1080
tngatataaa	gannaataaa	ntggtgcaac	ntatatTTTT	cggnnacnna	mntatattct	1140
ctntgggnna	tncatgtctn	catnctgtcn	ttatcnatTT	tnngtaagna	gaaaccngtn	1200

aatntcttat gaannnnntnt cnntttcgta atttgaaana ccnccg

1245

<210> 4255

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4255

aggnggnatt	aannnnnttt	ttanannngc	ngctcttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgagaa	acaatataac	tcaaatgcct	ttctacagga	ctacaaagct	120
gtctgtatca	ggttatggtg	ttaaatcata	atctctggat	catgatctta	aacctttaat	180
tggttccatt	tctactttac	tctttactaa	caagtatcct	gatgggcctg	aaaatccatg	240
ttgaaatttg	aagtttgaat	tttccagatc	aaatatgaaa	tttattttca	ttttttaaag	300
tacaaaatat	cagttgtata	atcatggtaa	aacataaaaat	tttgctataa	aagattttta	360
aaggctatth	gattaaaaaca	tttattttact	taaactcttt	gctagaattt	tttttagaat	420
tcagcatcgg	aggaggaatg	tgacataata	atgatcgaaa	gccgaaagtt	taaaagttgt	480
gatgccctca	catggttgga	gggttattct	agcttctaag	gactgaatgt	tgtccacaag	540
agtgtcatca	ggtcataaat	tggttaagact	taatggctta	gatttatgta	ttataacctga	600
tgttattgna	ttgagatgaa	tatttatgaa	caaatgagc	acattgtgta	agaagtatag	660
tattaaatat	aagttaaaac	tttgggaattt	taaatacctt	gggagtatgg	taaagccctt	720
tccgaagtct	cttggagggt	tgaaaggccg	nattcttttg	cantgggn		768

<210> 4256

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 4256

tggngnttta	nananncnng	ctctcntctt	tttgcaggat	ccctcgattc	gaattcggca	60
cgaggtaaaa	catgtaattt	ggacatgcaa	gacaatgctg	ctgccaaacta	acattgcatt	120
gattcattaa	gatgttattt	ttgaggtggt	cctggctctt	caactgacaat	tccaacattc	180
tttacttaca	gtggaccaat	ggataagtct	atgcatctat	aataaaactat	aaaaaatggg	240
agtacccatg	gttaggatat	agctatgcct	ttatgggttaa	gattagaata	tatgatccat	300
aaaaatttaa	agtgagaggc	atgggttagtg	tgtgatacaa	taaaaagtaa	ttgttttggt	360
gttgtaactg	ctaataaaac	cagtgactag	aatataaggg	aggtaaaaag	gacaagatag	420
attaatagcc	taaataaaga	gaaaagcctg	atgcctttta	aaaaaatgaa	acactttgga	480
tgtattactt	aggccaaaat	ctggcctgga	tttatgctat	aatatatatt	ttcatgttaa	540
gttgatatatt	tttcagaaat	tataaatatt	attaatttaa	aatttgaatt	tgtgtttgac	600
taacaacctc	gatggatctt	cttncaacct	nccattaaga	tcctgcagaa	gaaatagaaa	660
tattcaataa	ttgcaagggt	taattgtgag	acaacttatt	ataatacgtg	ttaagttcta	720
ctgganccat	ggaaatgggt	taagaaaaa				749

<210> 4257

<211> 466

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4257
 tgnttcnant nttttacaac tacttgttct ttttgcagga tcccatcgat tcgnattctn 60
 nacgaggetg cttactaagg cttnnactgn nanatcgntt gaccnntnn gtcgntngct 120
 gcacatgccc atattnnnnn gacnnngctn nntcctgngc ngntangnga tgacctgnnt 180
 cnggacacaa tggngaangn gtagnggtgc nngacatngg cgaaattgtg ngcnactaga 240
 antngtgnca angcnngntt tcacatancc tnnnnnnnct acttgccatn ttnnantgan 300
 cttntctgct cacnacattc ntgngttcat aacnngacnc nctaagngna caactccgaa 360
 cccacattgg ncaaaaaaaaa cnacatatgc tnaengttcc tntgccccat gtgnncnntn 420
 aactgnatn atcttanact gaaccagngc tccaccatt catnct 466

<210> 4258
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 4258
 tngatncctt cgatcagctc ttgttctttt tgcaggatcc ctogatncgg cctatcttag 60
 agaatcatct gctcannect tattcctgca gaatacaaat gtcacattct aacctgttca 120
 gagattgtct tcaanataaa antgtgattc ctacatggna tgnnaaacia nctacactnn 180
 tnggcaaaaag gcattattag ggntngattc cataatgatt gagtntctnt nnnnagtata 240
 ntcattgcanc tgaacaaaat gaagctcatt ccactgcntn gaanaatnnc acaaatgtga 300
 tgctnaanan aggaagccac gtgcanacac tnactatata attntatgta catnaagttc 360
 agnatccgga tagttaccnn tgnnaaggan gtaactnnan gagtntgagg aggggnttct 420
 ggtatctggt taatgnactt ngtagcantt acccaanagt gnnt 464

<210> 4259
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4259
 gnagcnnnnn nnttttctaa ngttggctac tegtcttttt tgcaggatcc catcgattcg 60
 aattcggcac gaggcatcct gtccttgga accctttctc attctccaag cctgggtcagc 120
 tgcttgaca ggcagaggtg cctcagccc aggttagcaa cactcatagt tttgccaatt 180
 accagtagac actagtggaa ccatctaact ggaacttcc ctctccttcc acttatttcc 240
 tcaaacttgt tgctttacac tagacacatg caaatgtatg ttttaaacac accaaaacag 300
 atcatgccaa atgagttgcc tgtcaaaggc tggagggcag gaggagggcc tgggtttggg 360
 ttctttctc ccagcctttg gatggtgcct tgggcccctt agccccagcg ccagggcctt 420
 ccagctgagg ccacaggaaa gcactttttt atgatgtact aaaagccaca gtatgtggca 480
 actgcaaaaag gatcaggaat ttagggatg atctcggtca cgtgtcccgg gccgctgagg 540
 ggaaaggaag cgggcatgat tgtagacaat gagggggttc tcttgatgta atgaaatgca 600

attttatggt	ttggtgcaaa	aactcctatt	ttccagttaa	ttacttttat	ttctaaagca	660
tatttttgat	ttncatcna	nagcnataaa	gcattaaaat	tctttaaaaa	aaaatnatcn	720
ntctcnantn	ctccanattc	aaaaaaaaact	tcgnncntt	naanaccttt	ttgngnggtt	780
cntnttttnc	cgngannccc	cncnttnnn	nctnngattc	cntttgntg	tnntttgnga	840
cnaaccccc	atactnagan	tnctccgcaa	aaaaaantcc	nt		882

<210> 4260

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4260

nngtgnantg	ngatnttggc	nagcgccatg	antnnnggag	tcganccgann	nncggcacga	60
ggagaaccnc	ntaaagccct	nannttccct	ttttttngna	ngaagnggga	gtanatggnt	120
ngcnatntan	nccnanangg	cacnntnnan	ggaggngnaa	ccactctgac	gttnnatngg	180
cantgagagn	tagancagag	gctgncctgc	ntggaagctg	atatacccta	taatncanag	240
ggnnnnagac	nantnttgng	aaactcggtt	anacattcta	tttanagaca	tgcttctga	300
tatgacntat	atttttatag	ggataccent	ttatngctgg	gacatnaanc	ctgnttncac	360
tcnaaatggn	cctgctttca	gaaaatagaa	cangagacat	gccgaaaaca	gngnttctat	420
tattgtgnat	tatgantttt	gttctntaga	actattttcc	aactcatctn	nttncctgca	480
gctgnggaat	ctggacagcn	aaatcttgtg	gacgtttatt	ccactaagcc	cagggatgag	540
atggcactca	ggttaaagaa	ctaacatttt	ctgaaccctt	nattaactat	ttaccagcat	600
caggccctct	aagtacaagt	gtcagaatcc	ttcatttcaa	ttttttcact	cngggcattn	660
cccattacaa	agcccatcct	attattgaac	ccnaanttna	gcaaaccact	taggtctgcc	720
acttaagaan	tengngnnnc	aaggttgccn	aagaa			755

<210> 4261

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4261

tgtgttttct	nnctgtgggn	actggccttt	cnncangaag	cctggccggt	cgaactgcna	60
ncggcnncnn	cggaaagggn	ntgnncaann	gnaatttntg	cngntnangn	tgtatacacc	120
ttggangann	nnnttgngcn	attgcngntc	tnngangtat	tcangncnnn	taaattcntc	180
atnancnca	cttccatngt	ntnntcngnc	acatgctnnc	antntatnat	ncntgngaaa	240
ngcngantat	cnatgctaga	cntnnntgca	ggctgngngcn	ncgganntgt	cntgacnnca	300
aactgtttac	tctnantgac	tgtgngngcn	ttntcnnat	gaaaannngg	gcagtattcc	360
cttntctaaan	gagntcnnag	gaagaagatg	agaancgggg	tggnatcagn	aactgannng	420
gcacngaagc	acgtggnaga	ccctcnnana	atgatgtgan	nggacaaaaa	gcntgatcac	480
caagegcttt	cangnctgga	ttccnnncnc	gnatccatan	nagtcntgtt	anccaggacc	540
ttnnaggnat	catnnncng	gcgtgtngnn	aatgagcatn	gtgtggtaca	cttgacngtg	600
tcccctgggt	cntactntgt	aattcatgct	ncactagatn	agncnagnac	ntatatncgc	660
ttcggcactg	tgtgctngta	ccnaccncnc	gttggaccgt	nattccctt	ncaatgtgtn	720
anatnttngg	ttgggcct					738

<210> 4262
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 4262
 ntcntngata canctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 gcaattgtct atttatcttt tatnttttta agtcagtatg gtctaactact ggcattgttca 120
 aagccacntt atttctagtc caaaattaca agtaatcaag ggtcattatg ggtaggcat 180
 tnatgttntc atctgatntt gngcaaaaagc ttgaaattaa aacagctgca ttagaaaaag 240
 aggcgcttct cccctcccct acaccnaaag gtgtatttaa actatcttgt gtgattaact 300
 tatttanaga tgctgtaact taaaataggg gatattttaa gtagcttcag ctagctntta 360
 ggaaaatcac ttgctaact cagaattatt tttaaaaaga aatctggtct tgtagaaaaa 420
 caaaatttta ttttgtgctc atttaagttt caaacttact a 461

<210> 4263
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4263
 annnannctg nnggtcgtgt aacgcccttt nttnnangaag acnggcgatn cgaattccga 60
 ggatccaaga gggcnnnact ngggngggct tcntttcagc tgaaggctgc taccgtaccg 120
 tgtgggagcg cctgggtctg gccttccaga cccagaggc atactgccag cagcgagtgt 180
 tccgctcact ggcctacatg cggncactga gcatatgggc catgcagcta gccctgcaac 240
 agcagcagca caaaaaggcc tccctggccaa aagtcaaaca gggcacagga ctaaggacag 300
 ggcctatgtt tggaccaaaag gaagccatgg cnaacctgag cccagagtga gccgtctgaa 360
 ctgtgggagg gaagtgctaa cagcccagcc tncagcctgg cctttcctcc ttcccctctg 420
 aacctcctgc aacctgagc catcaggaca atcatacccc ttcccttctc tccaccaat 480
 tgtgccagta aatgggggtt gagggtgacc taggcagcat tagaatcact tatttatttc 540
 tttcctacct gttccctgac tgctgaaat gttcagggag gtcagttgat ttccccaggt 600
 acattcatgg tgtgacagac acatgggtac aaataaaaaga cccagaaagc caacnaaaaa 660
 annnggtttt nanncnnga attttaaaaa nntntaaatt ncntngnntt aaaaantnct 720
 tttntgnaaa aaannntttt ggccttttt 749

<210> 4264
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4264

```

nggggntnttt atanaatcca ggccctacttg ttcttttttgc aggatcccat cgattcggcc 60
acatcggggg caccaccctc catgcctttg caggcatcgg ctcaggccag gctcctctag 120
cccagtgtgt ggccctggcc caaaggccag gcgtgcggca gggctggctg aactgccagc 180
ggttgggtcat tgacgagatc tcaatggtgg aggcagacct gtttgccagt ggccaggcct 240
atgtggccct ttctcgggcc cgcagcctgc agggcctacg tgtgctgact ttgaccccat 300
ggcggttcgc tgtgaccccc gtgtgctgna cttctatgcc accctgcggc ggggcaggag 360
cctcagttctg gagtccccag atgatgatga ngcagcctca gaccaggaga acatggaccc 420
aatcctnctg agcctnacc acaaagagga gacaaaaggg ttggcctgtg gcctncccg 480
cctcctgctn cctatggccc anggccccag ggaataactg gagtaggcag gcagtgtccc 540
cttctgtatt ttttanggac tntaaccttc tgcagggtta aagggagaag tctttaaac 600
catataccaa ctgtgcttca gttcttttan ttttgctgg gtaaactgct gtagggctag 660
aattaccctt tctgtgccaa ttganaatga acctgtgtgg tactgatgtc agaggacaaa 720
ctntntgaan ggcttgaaca nacttga 747

```

<210> 4265

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4265

```

ncntttatca aancgnttgg gctactcgnt ctttctgcag gatcccatcc gattcgaatt 60
cggcacgaga aagaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag 120
tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc 180
acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga 240
tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga 300
tcgaaagtca tataagcaca ggagcaaaaag tcgggacaga gaacaagata gaaaatccaa 360
ggagaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga 420
aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgagggtca 480
atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct 540
gattnagacc tcagatcaga cagaggacta ctggttcgaa gattttttgga anaatnctga 600
ngaacgggat aaagtgaaga tcgnncnttt aaaaaaatga ggttgaaaag aaagctatna 660
gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttataaa 720
ggttaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttn 780
ttattccctt tgg 793

```

<210> 4266

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4266

```

tnnnaatcnc nnaagcctt tgttnaacc ctttgtact ngcncntttt gcaggatccc 60
atcgcttcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc 120
atcgtggagc ctgagatcct ccctgatggg gaccatgact tgaagcgctg ncagtatgtg 180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna 240
aggcaccttg ctgaagccca acatggtnac cccaggccat gcttgccactc anaagttttc 300

```

tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgccenn	tgctgaancc	ntgnnccctg	accttccttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agcctngcct	ggcaaggaaa	gtncacttnc	600
gagccggtta	ggctagggct	tgctgcaacc	gaagtcacct	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nncggaaggg	tgtttcccca	aggattgccc	cccaanaact	tnnaagnccct	720
ttggccccaa	tttccnantt	tttgaaanaa	ggnaggnccg	contncttta	nngggcttcc	780
aaaccttggg	cttaganccc	nggctttttt	t			811

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (469)

<223> n = A,T,C or G

<400> 4267

ntnccntttt	nantacanat	acaagctact	tggtcttttt	gcaggatccc	atcgattcgc	60
catgcccagc	tgtaatttct	tattaggtgc	cagacattat	gaattttacc	ttactgggtg	120
ttgggtacat	ttggatgtct	ttaagtattc	ctgagaatta	ttctcagggtg	cagttaggtt	180
acttatgaat	agtctaattc	tttagagtct	tgctttcaag	ctctcttagg	gcaggagcag	240
cctttagttt	atgactaata	tggccctggg	actgagacac	taccattcta	agtacctaaa	300
tacccaatgc	cctgtgtagc	atgaggcatt	tcactctggc	tgataggact	gtgaactagc	360
ctcaacctta	tatggctctt	gatgattgtt	ttgcctgttc	ccttctgtgg	ttcttttccc	420
gtgtcttcct	tactcacgct	tactgctcag	tactcagccc	gaagactct		469

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 4268

cgttacttcg	atcaagctct	tggtcttttt	gcaggatccc	atcgattcga	aaacccttac	60
aaaaaaactt	taaaaaaaaa	ggcagcaaag	ggtagttttc	atctgggtgc	ttttatttaa	120
gttttttaag	ttaagaaaag	ctgggtgacat	atttatacgt	ttttgtgcaa	aaataaatga	180
atggcaatag	attttaaaaa	atcttattat	gtacttctgt	gtgaaaaagt	ctgtataata	240
tttcccttaa	atatgcatta	ttttacttgt	gagttttttc	tgaattaatc	tgaaatgtca	300
agccctggat	ttgctacaga	gtgagaagtt	attttatttt	tttttatttt	taattntgga	360
aattctgcag	aaatcanaac	tcttaccatg	gtttgaacaa	aaaaagggga	aatggggagg	420
ggaaaagggt	gggattgtcc	ancatgcttg	tatgtatatt	tca		463

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 4269
 tccgtntgan taccgtttaca ngctacttgt tcttttttgca ggatcccatc gattcgaatt 60
 cggcacagaa gaccaagcgc atgcgaacct ctttcaagca tcaccagctc cggaccatga 120
 aatcctactt tgccatcaac cacaaccgag atgccaagga cctcaagcag cttgcccaga 180
 aaacaggtct gccaaaagag ttttgcaggg agaacaaatc ttggggcatt acagccaaac 240
 atccccgacgt ttgaaaattc cctaaagtat taaaagaagg ggaaaagtgt gatcggaaat 300
 ccactgcagt gaagacaaaag acactattag gttatgataa tcatacatta aaaaatttat 360
 taagccaaaa aaaagagaga gagagagact taaatgtcat ttactgaatg ttaacgaaac 420
 ttgtgttctt tatggtgtct aacacaactg aaggcctaaa attatgtg 468

<210> 4270
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4270
 nncttactna aaccgttttg ctacttgttc tttttgcagg atcccatcga ttcgaattcg 60
 gcacgaggac ctatcttgat ctggatagta aagtgaggac tttaaaaaag tttattaaat 120
 tactgggaga aatcatggag cacagattca agacatatca acaatttaga aggtgtttga 180
 ctttacgatg caaattatac tttgacaact tactatctca gcgggcctat tgtggaaaaa 240
 tgaattttga ccacaagaat gaaactctaa gtatatcagt tcagcctgga gaaggaaata 300
 aagctgcttt caatgacatg agagccttgt ctggagggtga acgttctttc tccacagtgt 360
 gttttattct ttccctgtgg tccatcgag aatctccttt cagatgcctg gatgaatttg 420
 atgtctacat ggatatgggt aataggagaa ttgccatgga cttgatactg aagatggcag 480
 attcccagcg ttttagacag tttatcttgc tcacacctca aagcatgagt tcacttccat 540
 ccagtaaaact gataagaatt ctccgaatga ctgatcctga aagaggacaa actacattgc 600
 ctttcagacc tgtgactcaa gaagaagatg atgccaagg tgatttgtag ttaacatgcc 660
 ttgtcctgat gttgaaggat ttgtgaaagg gaaaaaaaaa tctngactct tgatataata 720
 aatgagact ggaggcattc tgaaattgaa aaaaaaaaaa aaat 765

<210> 4271
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4271
 nnccnnttna ntanagatac aagctacttg ttctttttgc aggatcccat cgattcgctt 60
 ggggccagga tcttgagctc cttgcttggg gataacttcc tggagagctg ctcaagtcagc 120
 tatacccttg ggagtccttt gttgagggag aaataaatgt cattttgcaa agccactgat 180
 attctgtggt tatcacggca gtttagagag gaaggatggg ggaaagctgg gttgcgctct 240
 agccttgaca cttcctgcct ttgtagtgtt aggcaaacat ggcaacccca gaaaactcan 300
 ctgcctcagt ttttaaggcat gcagggtctt tgtgaggacc atataagcca cgtggagggg 360

tctagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
tctttctgag agtcttgtct cccaacacca naggtgagac cacctg 466

<210> 4272

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4272

ttencttttna tatagatata gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgagct ttagcccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaaagcc 120
ctgcccaagt tacagaatca tgagcaaata aatggctgtt tctgttttaa gctttttaa 180
tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
tagttttaat aatctaagta aaagccact aattcattat gcagaaaaaa atgatttttt 300
tgagacgggg tctcgtctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac ctccctgggt caagcgatct tcccacctca gcctcccag tagttgagac 420
cacagtgcc ttggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 4273

nnnaactntn tcnnatnnn cngancnnnn ntctcngac antttgnnna acngntntgt 60
ggggnnngnn nnnnnnnngc nnnnnnnnnn nnnnnnnaan ccttggaac ctncctnngc 120
cgatccnnnn ntgcannatn ccgcnngngg gactngnaan cngnccana taatnagggn 180
ttnnnctgna cnnngcaaaa accccannat taggnanggn gcgctaggng gccnanaanc 240
catgnagtgg cagncngna nnngttgtt tnnccaatcn nnaattegna tgcctcggg 300
ancgcccctg gggtangggg acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng angncncgg cntacncag ngaatcctnc cngngnccg ggngactagg 420
ggnggatncn nncangaagg nnnggagccg nagaacanac ntgggtgacn ggntgngaca 480
aagnnnccgt cnaaaaaatg ctangggnaa nnacanaagg agnntcnaan tgcantanna 540
ngtgangttc caacgccna tgaaaaagg annanggaaa gtcgcacant gattganang 600
ggncgccngn ngngcatatn naaatnnanc 630

<210> 4274

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 4274

tnnnncnncan	ncnnnccnct	nnnnncnnntn	gantnnnnnnn	nnnnnacnctn	ctcangnnng	60
tnncatnncan	naagnnngta	ntntngtgcg	ntgnncntnn	nnnnntatc	gnaatnnnnn	120
nnnnnnntnc	ttncctttgg	taacccttt	tnnnccntgg	cnthacncat	gnaaccgta	180
agncggngcn	angcnatagc	tatnaacgaa	catttnncnt	ngctacggnn	nattgnactn	240
acgcngnct	gtangangcc	acnttnacat	gcnaggncgg	cacaccggtg	naataatngn	300
gtcgctnnnt	gggtgcggcc	ctaacgcttc	cnttngcntn	agcncangng	cctnagactn	360
ttacagnngc	attgganaaan	gncgcggcgt	naccgcgtgc	mntacncaat	naaggngtgt	420
gaaacacngg	acntgggttg	aaaaacnntn	aanccngatg	gcngagcnta	agccccnggg	480
gngcctgagg	aagcgtgcag	cnaggtnenn	atganaaatc	acttgtgncn	aaacggacaa	540
tganctgcgn	agnngaantc	tgngcncgtt	aggncacnca	mntgttnatt	gggcgcattg	600
aanngncatg	actccnnc					618

<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4275

gnngngnann	ggnggggna	ngngngaggn	gngngngggn	gnngnggngn	gngnganggg	60
nnngccnncan	nnngccggag	cnngggnnnc	ggngngagag	ngcnngnaaa	gccctttgga	120
aaggncggag	ngagtggng	ggccgncgga	gagggggggn	ggggangngg	gnagnggggn	180
ggggggggng	ngcncgnnt	gagnggnngg	ggngagaggg	gngcnnnng	gnnggggggg	240
ggcngcnggg	ggngngaggg	ngngnnggna	gngnggnng	aaggnggngg	ncgangnnnn	300
agtggangnc	gngagngcgg	gggaanggag	nngcnggggg	nnngnggggg	ggngnggggg	360
agggnnagga	gggnnagagn	gncnngtggn	agggagncng	gnnnnggaan	gagcgaccng	420
gaggggaang	gnaggganng	ggngagggga	gaggnngggn	agncgnagag	agggncnggg	480
nggannacgg	annacggng	cnangncntn	gagggcnnccn	nggggaggcc	nannanggtc	540
cgggggggnc	aggaaggann	caaggggaatn	aggaaaaanaa	gncgccagg	ggngngnaag	600
nngaaannnn	gcangggggg	ganngccggg	agcgganngg	gnngagngan	agggnganggn	660
gggangaang	cgggnnnngg	ggaaggagng	gagnganaaaa	angggccagg	gagggngggag	720
angngnngac	cnnggnana	ncaangggng	aaangcngga	nggggggnaga	gaggnnggan	780
naaccngaga	nggaaanggg	gangggggcc	aaaggggggg	gggagcccn	ggnggggaaa	840
aggganccag	nttaagaaaa	gagccggggn	agaggggngg	ggaanccaan	ngtngngagag	900
ggcgnccgaa	gatggngaga	nnaaaccagg	ggganagcat	gggggatnan	aggganaacc	960
cgangangga	aaggcaaggg	gaacncnggg	anngggggaa	ncgnaagccg	ggggngggcng	1020
ggnaaanggg	aanagnngng	aggggggggaa	gggggaanant	gaaccnnggg	naggaaaaaaa	1080
cgggggggaa	ntnaaaaaag	ggggggggaaa	aggaaantgc	gggagccaan	gnntgaaaga	1140
aaaanaaata	gggnaagggg	ggggggggaga	naggggnaaa	aagggcctga	catagaggng	1200
gggggcgagt	atgggnnaaa	gaaaaagggg	gngntnnaaa	agggncncng	ngaggtanga	1260
ggggagggng	ggtngggaga	nagngaanag	aagagcgaa	agatnagttn	naaaaaangg	1320
gngganaaan	ntgcgcaggg	gaagctgggg	aaaggggngg	ggacccann	agccncggga	1380
anatgtgncn	gggaaaaanaa	ggggggggggn	gnnaaganag	ggggaaaana	aaagggccca	1440
ccnggg						1446

<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4276

gggtggttttn	angnnnnnttt	ttctantngc	agctacttgt	tcttttttgca	ggatcccatc	60
gattcgngtg	gctctcccag	cgtctgacct	ggcgtgtctc	tcagtcccat	cccaaggcga	120
tggtctctac	cgctagatgg	agcatcagac	ctcaagtcaa	gancatccca	gttccactgnt	180
gcttnnggtg	gctctantct	gggagggang	gggagacttg	aaaatgggan	gatctcattg	240
gcttgctaag	gnttnggatt	tacctentat	cactggagac	ccattgtagc	gacaangtca	300
agggaaacnn	aacttgttta	ctatcngtgc	gctctacatt	gaatttaccg	acaaactctg	360
tgannaatcn	gatatgaaca	atgcacnctn	nnctngtctn	agacannnnn	ttannaagaa	420
ggngcacact	gaacnnnctn	acagcactnt	tngntagggg	cactgtactn	tgacctgnat	480
gaaantntan	ccgaggccan	aatngaccna	ctatnaagct	taacacngat	tnnagnnata	540
taatnaatga	nnattnaana	tgancctgan	ctannagctt	aatagtntctg	atgggcctnc	600
atgtnatntc	aaaggncctt	gaattggcta	cttanaagga	naatggccaa	tngnacgtgt	660
tnnangaaag	ggaacagga	aangcnccta	gtcccantgt	aatgngtcnt	nggcaancaa	720
nctgttttaa	acggtntcgn	aaaaaaanan	nttcennnnt	nn		762

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (793)
 <223> n = A,T,C or G

<400> 4277

ncnttttatca	aancgnttgg	gctactcgnt	ctttctgcag	gatcccatcc	gattcgaatt	60
cggcacgaga	aagaaagggc	tcgtgacaga	gaaagatnna	aagagaagtc	gttcacgaag	120
tagacactca	agccgaacat	cagacagaag	atgcagcagg	tctcgggacc	acaaaagggtc	180
acgaagtaga	gaaagaaggc	ggagcagaag	tagagatcga	cgaagaagca	gaagccatga	240
tcgatcagaa	agaaaacaca	gatctcgaag	tcgggatcga	agaagatcaa	aaagccggga	300
tcgaaagtca	tataagcaca	ggagcaaaaag	tcgggacaga	gaacaagata	gaaaatccaa	360
ggagaaagaa	aagaggggat	ctgatgataa	aaaaagtagt	gtgaagtccg	gtagtcgaga	420
aaagcagagt	gaagacacaa	acacttgaat	cgaangaaag	tgatactaag	aatgaggtca	480
atgggaccag	ttgaagacat	taaatctgaa	ggtgacactc	agtncaatta	aaactgatct	540
gattnagacc	tcagatcaga	cagaggacta	ctgggtcgaa	gatttttgga	anaatnctga	600
ngaacgggat	aaagtgaaga	tcgnncnttt	aaaaaaatga	ggttgaaaag	aaagctatna	660
gtggcattna	aaaagtntta	agctncantt	agttttnttt	attattatta	ttatttaaaa	720
ggttaatttc	aaggacttga	tgttgacctc	cngatttccn	gaacatgtgt	tnaatagttn	780
ttattcccct	tgg					793

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (903)
 <223> n = A,T,C or G

<400> 4278

```

ggtttntttt tttgnngntt ttgngcnttt tnaggcgtnn tntctgatcc ccgctaattg      60
cattcggneg ngctncccta cagatantgc atgcacnttg nagntaatcc agtggtntta      120
acngntncat antntatcaa gcngtncatg aangtgtngt natnaaatgt ctatgtatct      180
ntagttacat tcaaatnngn aactttataa acatgtntta tgcttgagga aatttctaag      240
gtggtagtat aaatggaaac tttttgaagt agaccggata tgggctactt gtgactagac      300
ttttaaactt tgctctttca ngcagaagcc tgggttcttg gagaacactg cacagcgatt      360
tctttcccg gatttcacaa cttttnaagg gaagatnaat gaacatcnna tttctaggta      420
tngaactatg ttattgaaag gaaaaggaac actgggtgtt gtttcttaga ctcatgaaan      480
ttaataatta tgaangcaat gaaaaattaa nttgaaacat taaantctnc ntgacantng      540
gaatnattcc tttgccactt tnttgcatat atttcagaan acnattccgt nnttntttcc      600
antntngcna acccatttnt ncttgatnt tgngccatan ttttgacntc ccggnntna      660
ttcannatnn ccttnncccg gtaatcgnc antttgggan atctggnant nttaaaatat      720
gncntttata tatanttaat ttctttcann naaantttct gnataggcct ggtnatttan      780
antnnnttnt tatttgnnng nanancnntt tategtntan aanatttaac cncttntnt      840
tttctgnggc ccttttcgta taaaaacctt cntntatntt tnnngacaat nttntnttt      900
nnc                                                                    903

```

<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(866)

<223> n = A,T,C or G

<400> 4279

```

angcnagagc ccacggaatt tncatgcctt tategagncn gcnccegcgc ggannnaaac      60
agcnggaent gccncacgag nggantntgc nctttttttt gggccgncca nntccacag      120
ncngangggg gggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn      180
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc      240
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac      300
ctgtnagtga tggaaaggna agaaaaattc agnatggana anaanaatcn gggcacncaa      360
acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnatg agtncanatc      420
natecnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga      480
atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg      540
gaaancccaa aanctaccen nnantcnang gantntggaa tnccttactc ttcacaaaga      600
ncatttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcnt      660
ctnaagnngg ntcgcccggc ccnaaaaat natnataatg gaccnggggn tcaaangnan      720
ctnacnggaa aaangaaagc ccgnaaaagg accaggcntt tccaaggaan gaagggaaaa      780
tnccncgaa anccccgga ataaantca anggggttac acaaaaaagc catccccncg      840
aattaanccc aaaaaattgg gcagcc                                          866

```

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4280

```

gaanactcn tnatcgnttg caggatccct cgattcgaat tcggcacgag gctgggactg      60

```

acagcctgca	gggttttcctt	gggcgcggcc	ccaaaattgc	cttcaaaaaca	aaccgcggac	120
ggttgaaagc	cttcgaaccg	tgcangggat	gcctcgggccc	ctggcccttc	gcttcctctc	180
ttgtgttatg	gaaataaaaa	caaataaaac	tacaaaaaaa	aaaaaaaaaa	aactcgagcc	240
tctagaacta	tagtgagtcg	tattacgtag	atccagacat	gataagatac	attgatgagt	300
ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	360
ctattgcttt	atttctaacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	420
ttcattttat	gtttcagggt	cagggggagg	tgtggggagg	tttttaattc	gcggccgcgg	480
cgccaatgca	ttgggcccgg	taccagcctt	ttgttccctt	tagtgagggt	taattgcncg	540
cttggcgtaa	tcatggcata	gctgtttcct	gtgtgaaatt	gntatccgct	cacaatttac	600
acaacatacg	agcccgggag	cataaagtgt	aaaagcctgg	ggtgcctaata	gaagtgcgct	660
aactcacatt	aattgcgttg	cgcttaattg	gccgcttttc	caatcgggga	aacctgtcna	720
ngccanctgn	attaatgaat	cggncaacgc				750

<210> 4281

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1094)

<223> n = A,T,C or G

<400> 4281

cctntnnncn	antanantac	ananntnntt	cacnncant	ntaatantnt	cctntctanc	60
tctcttanen	tttacgcna	catatnncn	nnctnatct	tctncanatt	ttananatat	120
acctnannct	ccatncanna	ggtngtnacn	nnggataaat	ngggngntn	gtaangagng	180
ctnactnaac	tactagggtg	gaatnaattc	ctnccntnt	tctnactnag	ntnaatcatc	240
gtacgaggaa	aaaacaaagn	antancttan	gccttngaca	aggatatnag	cacctaattgt	300
actnntaagc	ttaacctggg	ggnaancccn	natanncgta	aantganant	annnaatgcc	360
acangtgnag	ntntgcatcc	cctgaaannc	tnanaacaaa	tgntaanga	ntatgnctgt	420
cttaantatt	ctttcactta	nttagttcna	ctgcanaccc	ccatcctggn	aggggttatt	480
cggnagttaa	ggtactttca	taagttntaa	acanaatgat	atntgntatt	acgntaacct	540
ttctcttgat	gacaatgana	aananaagcc	agtttccaca	gaagactana	naannannng	600
ttnggggtgn	tcctnctggg	ngntatcnnt	tnttgccana	cttttcccn	cattttaaaa	660
nngtnnaaca	nttnggatcn	tttcattntn	nctttcggtg	aannttttaa	tcntcnctnac	720
naattggaan	canatattn	ncccaantnn	ncctttaaaa	atcttttagc	caacancttc	780
ttctannnaa	antngnaana	accctntnnn	atactaata	aanntgnct	attatnctna	840
cnttgtttaa	aanaatenta	ttcttngnga	naccnantt	attcnggttt	cncctcttt	900
nncttnncna	nangctcnt	naantgnnca	caatanccgt	ctaaanctgn	gnatncacan	960
nttcacctta	cccttacnta	ntnantntnc	ttgananant	aantaggntc	ctcttagcct	1020
caaatnaaaa	taactttnnn	aacntntata	nctntgcaaa	cntntttnc	anncntnaat	1080
atccaatttn	cncg					1094

<210> 4282

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1247)

<223> n = A,T,C or G

<400> 4282

nnggatnnncn	cgcgtcnncg	cnatgtgcna	nnaacacnan	tgtgtgntgg	ngcnctngtn	60
-------------	------------	------------	------------	------------	------------	----

ttttacngnt	gatnacnnag	atntttntnc	tcccnggnga	cgattgnaat	cctanacaga	120
ctacttggtg	ctntttgcag	gtacccatcg	attcgaatnc	ggcacggagg	cnancannnn	180
tnngggacnng	gnnttaantgg	cgncgnnnnt	nnnnacnana	gggnacgnan	annnttcnta	240
acacctttnn	angttaatnn	actntgcagc	nttannnnct	ccntaanngn	nngtancngn	300
nntnaggtn	nnngcagtna	cnaantangc	tacagnnnac	gntnaaatnn	ttngnnnnnn	360
naaaantgan	ggagncaa	agtgnntngt	gnanncgtn	aanatnnngn	cagatnggtc	420
atnnggnnnn	tnnttnatnt	ggnaacntan	ttngnnantn	ntnggttnag	catnngnnag	480
natnntnata	tntntaactg	ntntgaccaa	atncatnaac	nnaattactg	nanganaanc	540
ngccntnttt	ntnnttatng	ntancnagan	ngtgagggcg	nnngagtgan	gatgtgtaga	600
annagntnng	aagtnatgcn	acacgtttat	atgtnnctnt	tatcagngga	ananngatnt	660
ntannngnttg	acngnnntnn	ngctaaagan	aanaggnnna	gcgaganngn	agnntctgt	720
acagantccc	ncnaantgtn	ngnccgncga	anaatcnata	taattcnnta	tggttatcnn	780
tgtagggggcg	ttcnacacga	tnaattatac	tnacgattcg	tangttntct	acncaatanc	840
gcncgctgnn	anannntctn	anntcgcgaa	actatagtan	cnncgnnagg	gnaaagatnc	900
annngttagc	caattaaana	cnangcantn	nntgnnggan	atgtacgtaa	ccatantggn	960
tacntactan	ntacatgng	ntntatnttn	tgncgatgat	atcgtanant	atatagtncg	1020
antgatntat	natnctctac	tnatagantt	gtatntnnac	anaagatnaa	tatctacatn	1080
tantancana	gatangctgc	aatnactgg	ngnacacntc	atanataana	ccnncaanan	1140
tgcgannnat	catnatagag	tgactntatt	atannaaaaa	taaccantnc	gtganatnga	1200
nnntnaatnt	acgtgggtng	atgatecgta	cgtanaaccn	cngnnn		1247

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(847)

<223> n = A,T,C or G

<400> 4283

cctgctgtng	gganatatana	ncgtgctcnn	tttgacttct	cccgnatggn	ccatcnacnc	60
gacgagccta	acgcttggtca	actngnggga	tcnganttnng	agantgactt	tgtgncatnc	120
ntgantanan	ctgtangttt	gtgaaancca	nactacnnng	cctcngnctc	atcacctctt	180
acacattccn	nanantnnnn	cagtctnnan	aangagncnt	ngatnannaa	naagagnctn	240
tgnannaaca	ggntntnnnaa	gcnnngnnnn	actnanagcn	tgngaantga	ncgnnnnctt	300
gggtctgngtc	cggttaagaag	acancantng	cncannagcn	ggnnanncgn	caggccantn	360
aangnagent	gcgntnannt	tnnatgaagt	tgagnatggt	naacnnaatn	tcnaacngnn	420
ctntgtntct	gnnnngnnaca	cntgcctgan	aancntanan	ancnnngnant	agantncnnn	480
aacncngatc	ttatanncac	tttgaanaa	gcactnatcn	cctnacnggg	catcctnttt	540
gagancagga	canctgttgn	ngggacgccc	catgacacng	gccagaana	ctccgggttn	600
tttgnntttc	agcnnnaaan	ggcgaagtga	tttcctnttn	cntncngngn	acncatnggc	660
tcatgncccc	cctnaaannt	ntttannngn	cntcgntana	caccctnnat	ngcnaanggc	720
ccaangntnc	nanttcgcna	ccntttacca	tnaaggatat	taccnnaacc	gtgccctttt	780
gantngccag	ncnattgggn	ntttntttgn	accatttngg	naaaggggca	aantntttan	840
ncgtcnc						847

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4284

gncnttttgan	ttcatataca	agctacttgt	tcttttttgc	ggatcccatc	gattcgctgc	60
agcgtctggn	gtttncnttg	cagncctcgg	aaccagnacc	tcngcgtggc	ctacagagtt	120
atggcgacaa	naggccgtgt	gcgtgctgaa	tggcgacggc	ccagtgcagg	gcatgatcna	180
tttncagcng	aaagananta	atggaccagn	naacgtgttg	ggangcattn	aaggactgac	240
tgaangcctg	catggattcc	atgttcatga	ntttngagat	aatacatgag	gctgtaccan	300
tgcaggncct	cactttantc	ctctatccan	aaaacanngt	gggccaangg	atgaanagag	360
gcntgtttgga	nacttggnc	atgtgactgc	tgacaaaaga	tgggtgtggc	nnatgtgtct	420
attgaagatt	ctgtgatctn	actctnagna	gaccatttgc	ntcattggcc	cgtacactgt	480
tgggtccatga	naaaagcaca	tgacttgggc	aaaggtggaa	atgaagaang	tacatngaca	540
ggaaacgctg	naatgatttg	gcttgtngtg	taattgggnat	ccccnaataa	acatcccttg	600
gatgaagctt	gaggcccttt	aattcatttt	ttnantccng	nnaccttggt	aantggnaen	660
tggaaacactt	aaccctttnn	tttnttaaaa	ggagaaanng	tnttntnttt	nanangagtt	720
ttttaanccc	cttggtcgan	aaaanttnnt	ttttnatttn	t		761

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4285

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtggtg	gaancnggnt	ncggacntgn	catngncntg	120
tgccntgtna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnctgtgtg	nannaanngg	gactaacatt	attggtgcgg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnnctatn	300
aagttaaatan	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatan	tactctatan	atgcnctcaa	tacnccggtn	acnntnnnna	ggacngntca	480
ttattangen	ctcctggact	gnaccgnact	tgtctctgna	canggatnnn	ccnctgntcct	540
tanaaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tngccntcca	ngaaaacctn	gttttcccg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4286

tnnctaatan	nanaatnctn	cttnttgntc	tntttgcagg	atcccatcga	ttcgannntnc	60
ngangaggag	annctgtcgg	ncatgtggtg	gaancnggnt	ncggacntgn	catngncntg	120

tgcctgtgna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atnccgtgtg	nannaanngg	gactaacatt	attggtgctg	ctnccnaagc	atggtntcnt	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnncnatn	300
aagttaaatn	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcncctcaa	taacnccggt	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccnctgncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgatc	atncttactn	ggcccttaat	gttcncannt	tgcantnagc	720
tnccntcca	ngaaaacctn	gttttcccg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4287

gncntttttg	aattcanata	caagctactt	gttctttttg	caggatccca	tcgattcgct	60
gcagcgtctg	gggtttccgt	tgcatgcctc	ggaaccagga	cctcggcgctg	gcctatcgag	120
ttatggcgac	naaggccgtg	tgctgtctga	agggcgacgg	cccagtgcac	ggcatcatca	180
atttcgagca	naaggaaagt	aatggaccag	tgaagggtgtg	gggaagcatt	aaaggactga	240
ctgaaggcct	gcattggattc	catgttcatg	agttttggaga	taatacagca	ggctgtacca	300
gtgcangtcc	tcactttaat	cctctatcca	gaaaacacgg	tgggccaag	gatgaagaga	360
ggcatgttgg	agacttgggc	aatgtgactg	ctgacaaaga	tgggtgtggc	gatgtgtcta	420
ttgaagattc	tgtgatctca	ctctcaggag	accattgcat	cattggccgc	acactggtgg	480
tccatgaaaa	agcanatnac	ttgtgcanag	gtggaaatga	agaaagttca	aagacaggan	540
acgctggaag	tcgnttggt	ngaggtgtaa	ttgggatcgn	ccaatnaaca	ttcccttgga	600
tgtagtctga	gccccttact	catctggtat	cctgctagct	gcagaaatgt	atcctgataa	660
cnttaacact	gcattctaaa	agtgtaatg	agtgactttt	canagtgtct	taaagtacct	720
gtagagagaa	ctgattatga	tcactt				746

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4288

nnatatnang	gnnnctnntt	acttgctctn	tctgcaggat	cccatcgatt	cgagaccaac	60
ccgcctgcag	gaggctctga	acctcttcaa	gagcncctgg	aacaacagat	ggctgcgcac	120
catctctgtg	atcctgttcc	tcaacaagca	agatctgctc	gctgagaaag	tccttgctgg	180
gaaatcgaa	attgaggact	actttccaga	atttgctcgc	tacactactc	ctgaggatgc	240
tactcccag	cccggagagg	acccacgcgt	gacccggggc	aagtacttca	ttcgagatga	300
gtttctgagg	atcagcactg	ccagtggaga	tgggcgtcac	tactgctacc	ctcatttcac	360
ctgcgctgtg	gacactgaga	acatccgcgc	tgtgttcaac	gactgccgtg	acatcattca	420

gcgcatgcac	cttcgtcagt	acgagctgct	ctaagaaggg	aacccccaaa	tttaattaaa	480
gccttaagca	caattaatta	aaagtgaac	gtaattgtac	aagcagttaa	tcaccaccca	540
tagggcatga	ttaacaaagc	aacctttccc	ttccccgagt	gattttgcga	aacccccctt	600
tcccttcagc	ttgcttagtg	ttccaaat	agaaagctta	aggcggccta	cagaaaaaag	660
aaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaaa	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289

<211> 1563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1563)

<223> n = A,T,C or G

<400> 4289

gngaannaaa	ggaacgaccg	gnaaaaangn	naccgcggcg	nncacngacn	gnnaatacnn	60
ngcgacgggn	cgtgnaaaag	ngngagggcg	naagtgggcn	naaataaana	aaacgcggcg	120
agagcancng	ngaactann	tngcagaaga	gatggtnnan	gcacggagng	gnccgttttt	180
gaaaaccncc	tcggtncaan	gccccncgga	naaatngtac	gcgtgngtaa	gaaagggcng	240
nnaccgtgna	aantcgtgcc	gnntggagcg	agcgnagaaa	anncaagtgc	naagacgacg	300
aantttttgt	gncncnagt	ngaanannag	gtggcnacg	ngggnggggg	ggggnatngna	360
gangngaata	gtagnngnan	gntaaaaaac	ncgcgngnng	gacacaaaag	angganancn	420
natgnggnna	gagaantnng	gtaancgngn	nnaggagaag	cgnnngnana	ggngnaggta	480
tngnangagc	gnancannng	atncgagggg	aaagcggngc	gagaaacatn	nntnacgaca	540
atggngcgag	aggaaacggn	gcngcggaan	nnnaaannaa	ntagagagan	acnngnagnt	600
ggnananaaaa	ngngggngga	ggaannggnn	nnganggaga	tagagncacg	gggcgtgana	660
nacaaacaga	aagtgcacgt	nnatagangn	ncgnaacntg	nangangngg	catannnnng	720
gananagata	anntccnaga	tagagacgac	ggggcgcnta	nnngnnnnaga	ttgncggaca	780
ancgctgatg	cgtnccnnang	ntgagagaaa	gcgangncan	ctcagggggg	ggaagggngn	840
tgtagnagagc	gnacncaa	ggagaaagaa	cggtggaaga	caacgacgcg	gngnacacac	900
gntngagacg	tgggcaaaca	nagcncangn	tnantngagt	gngncgatgt	aagtgcacntg	960
aaacatacna	nctcggngng	aggggnataa	aanaggaatg	ngnggngangc	gaaganaagn	1020
ntntnctgtaa	anaactagan	ggncgcanaa	nnnggngagg	cgaagacgat	gannnnangan	1080
aaaggnggat	cnaacggann	nnngnatgcn	atnttggcnc	acngtaatat	atggannagc	1140
gaggacatng	gcgnnngaga	angccggaan	gacggaagat	agaatgnaan	attgngggga	1200
gngnnagnaa	tgaacgnnna	ngacgngcag	gtttgngagn	ggagnangaa	ggggagggac	1260
gacgagggtn	gtagnggagn	nggacgagtg	ancgcnagtg	gagatncaag	gacgaagana	1320
nacnnngngn	anncgtagnt	cgcgataacg	nnataangag	nnanagnnga	nncanatacc	1380
gaanncnaga	nncacgtggn	ganntgcaaa	aaaagaancg	ggntnggcan	gacgatgcgg	1440
nnngagaagg	ganaaaatnac	ncaggggaann	tgggngngaac	nncaatangn	gtncnangcg	1500
gaaaaangng	ngataaggna	anganggata	gcnancgggn	gacnanngtn	ncnagnagaag	1560
ccg						1563

<210> 4290

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4290

gaagtngctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tnacgtgtcg	ncggggcggt	60
cgcgaacttc	agggtncctc	aacggagagg	ccaggcnccg	cgtggccnga	caactncctg	120
nccgctcctt	cagcaagtga	ctgtctntnn	cactncttac	ctgctgaang	atctngetca	180
gcngctggaa	caatgctgct	gtnacacant	ctcnnctntg	cnacttnagg	atgctncttg	240
gtcaccagg	antggganct	gtagaccngn	cgcattgcact	tncncnecat	tcactgctga	300
ctggcttanc	tggnatangt	tcnagngacc	gggacttntc	ttanagtcag	nagccctcnc	360
aactacntca	taccntcgca	tctgannatt	ttcacagagg	nnttntcttn	gaagnngact	420
tggcaagnct	tacaagtga	tnnatngnna	ttggnaantn	cnthttcttca	aatgctaaaa	480
ntcatgtcct	cataaatgca	antgatttta	gancacaann	tcccatgta	cannttccat	540
tanttaaaact	agaccaatgt	gtacgggtca	tttgnggtat	tgnggaacat	cnnggttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttngtctcnc	660
taagtgtagt	taacttgtag	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tggggancat	cttaactntt	ng			752

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4291

annnnnnnnnn	nnnnnnngnnn	nnnnnnngggn	nnnnngnnnnn	gnnnnnnnann	nnngnnnnnnn	60
nnngnnnnnnn	nnnnnnngggn	nnngngncng	atangnagac	ccgttnatac	aacgacccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnaaacacn	nncnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanaacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaaganannng	480
agccaggcan	nagncnagac	acagnaagg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgngngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaaaccca	nccncggagn	gnaaaaagg	840
cccaaaaang	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4292

aangnnngng	ggntgtnttt	nttgngtggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatncgggc	gntnecgann	gntgtntctgn	gttnnatctt	ntaaatngct	120
tgtccttatt	atgttgttgn	ttaacanctt	aaacgtanc	tctagaccag	gaataattat	180

ttgctatata	ttacagcaaa	aaatatgtat	gtntaaatgg	actcattcaa	gaatatataa	240
gngaactcct	attacaaaga	aattgncaaa	cagcccagta	tatnaatgaa	tataaaaatt	300
tgagaagata	ttttncatng	naagatntcn	aantgaacat	tnggcattggn	aaaaccaa	360
tttaggatat	nactacacac	tctggncatg	tttaaaagac	tganaaatatt	aagtgtgtgg	420
naatgtnnan	caantggaaa	tggcctgcat	ntngcatnga	aatgtaaaac	antacatata	480
ctntgcaaaa	ctctgtccaa	cattntctac	ccattnacca	agcaactnca	tcncctagct	540
atanataccc	agggaaaata	agtanggtat	cttcacagaa	atnattgtat	gaagaaatat	600
tcatagttac	ttattgcacn	tgtcagttat	cangtnaanc	tgtctcncat	cnggaaaaat	660
gggatatcaa	aattgggtgtg	gataatnaat	acaancaatt	agggatatta	cttggngcna	720
aacaaaaaat	gaanacangg	ggaaaatnca	cattcaaacc	aaantangtg	gcatattata	780
cccacg						786

<210> 4293

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4293

angcnagagc	ccacggaatt	tncatgcctt	tatcgagncn	gcncccgccg	ggannnaaac	60
agcnggacnt	gccncacgag	nggantntgc	nctttttttt	gggccgncca	nntcccacag	120
ncngangggg	ggttaatnnc	ngaacgctgn	agaatannta	ttgatgagca	ncngagaagn	180
aacatgnnca	tggccaccag	gcncgnccac	tcacngcaaa	agtgaccaag	ccagcangtc	240
acccttaact	ggcagaaaac	aanatcaggg	nggnagnccg	gacttnaaat	gcnnagaaac	300
ctgtagnatga	tgggaaggna	agaaaaattc	agnatggana	anaanaatcn	gggcacncaa	360
acaaattcac	tganaantcc	anaagnctat	tnanaaacia	gatagcnatg	agtncanatc	420
natccnantg	gncntntaat	nntacaacca	anccttaacc	ttccactcta	aagggaagga	480
atactangaa	tggattacnt	ttccggggta	nnataaancn	gggggnantaa	atgatnangg	540
gaaancccaa	aanctacccn	nnantcnang	gantntggaa	tncccttactc	ttcatcaaga	600
ncatttccag	nttctaaggg	gaccccttta	cnaanttnaa	aanggattcn	annttggcnt	660
ctnaagnngg	ntcgcccggc	cccnaaaaat	natnataatg	gaccnggggn	tcaaangnan	720
ctnacnggaa	aaangaaagc	ccggnaaagg	accaggcntt	tccaaggaan	gaagggaaaa	780
tncccnegaa	ancccccgga	ataaantca	anggggttac	acaaaaaagc	catccccncg	840
aattaanccc	aaaaaattgg	gcagcc				866

<210> 4294

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4294

ggnnnnnnnn	cnggnttnnn	nnnttgcttc	tnagccttng	catttgactc	ctgcaggatc	60
ccatcgattc	gaattcggca	cgagcttttag	ttcagataaa	ggaaacatcc	aaaaatactg	120
agatgagtaa	aatttttattc	aaagtagggt	cctgctttgt	cttgatctca	atccattcta	180
actcctgatg	tcattttaccg	tgtgagatct	tagtacaatc	atgaaaagaa	tatgagcatt	240
tatcaaaact	ctctgacatc	tgtatgttta	gaaatgaact	tacacagcaa	aatatgattt	300
ccttgactt	atttaatttt	tctaaacttca	atttctacct	atgtgtctct	gccagtttga	360

cctgattcag	acacccagaa	cttgaataaa	gaagccctct	tctattttca	ttcttaatga	420
atataccttt	tcccatgtcc	acattgagcc	tcccttctgt	gtactctgct	aatgcagcca	480
catgtctagt	tccccctctc	tgcaccaccc	tcacttcttc	tttcccatct	tcttacttct	540
ttggtgtgac	ctctctgtag	gacaacatgc	catttctgat	tccccacaca	cataccctat	600
cattgatacc	taccctcang	gattagaatc	tggctagtaa	tttgggaagag	cccatcaagg	660
ctttagtaaa	gtattggact	ggnaagtcaa	caccatttat	ctcatcaaaa	gggatgctgt	720
gttgggggca	nanggagaga	gagagagaga	gaccganaga	gagacagacn	gagagagaga	780
aaggaat						787

<210> 4295

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (795)

<223> n = A,T,C or G

<400> 4295

ggnttnnnnt	nntgccttan	aagccttgcn	tangatgcn	ttnggatccc	atcgattcga	60
attcggcacg	aggggaacat	gagaaccgaa	gctagaattg	ctattgaatt	actttatttt	120
ctcttccctt	attgggtaga	gatacatcat	tactggcctc	aggggtttac	caaagaaaag	180
ggtatTTTTg	agcaaataat	gtgatttcct	ggctatTTTg	ttgggggctt	aagatTTTTt	240
TTTTTcaa	gcattTTTTg	tcactaaaaa	ttaactgtcg	taccatctag	aactatactg	300
tccagtacca	tagcctctag	ccgtatgtan	gctatTTTg	ttaagattaa	ttgaaTTTTt	360
aaatccagtt	cctcagtcac	actagccact	ttctaagtgc	tcagtagctc	tgtgtgacca	420
gcggctactg	tattggatat	tatagaaggt	tctttcattc	aagatcatca	ttcttgacag	480
accataaat	atttccctata	aagactgtag	aagtgtgttc	tggagggttt	gctctccaaa	540
aagaattgta	atatagagta	gaattgggat	agagtattga	anacactggg	tttagacatt	600
ggatattTTT	aatgattgng	gtgttcaatt	catgtgctgc	ccaactggag	ttatctagtg	660
gatattgacc	ctcactggct	tgaccaaag	cccggaatag	aaaggcaggg	aattcctgaa	720
attctaattc	taaaaatttg	gcaatggaaa	aagccctttt	nccctaaaat	tantcccatt	780
nttgtaaatt	ccttg					795

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 4296

taagttgctc	tgttctTTTT	gcaggatccc	tcgattcgaa	ttcggcacga	gactggagtt	60
aaggaggtag	atgacttctt	tgagcaagag	aagaacttcc	ttattaacta	ttacaatagg	120
atcaaagatt	cttgtgtgaa	agctgacaaa	atgaccagat	ctcataaaaa	tgttgccgat	180
gactatatcc	acaccgcagc	ctgcttacat	agcctggctt	tagaagagcc	cacagtcatc	240
aaaaagtacc	tattgaaggt	tgctgagcta	tttgaaaaaac	taaggaaaagt	agaggggtcga	300
gtttcatcag	atgaagattt	gaagctaaca	gagctcctcc	gatactacat	gctcaacatt	360
gaagctgcta	aggatctctt	atacagacgc	accaaagccc	tcattgacta	tgagaactca	420
aacaaagctc	tggataaggc	ccggttaaag	agcanagacg	tcaagttggc	tgangcacac	480
cagcangagt	gctgccagaa	atttgaacaa	ctttccgaat	ctgcaaanga	agaactgatn	540
aatttcaa	ac ggaaganagt	ggcagcattt	anaaagaatc	taattgaaat	gtctgaactg	600

gaaataaaaac	atgccangaa	caatgtctcc	cttttgcaga	ctgtattgac	ttgttcaaga	660
ataactgatat	gccttcctca	gaagaaaaga	aatgaatgtg	aaagaaagcc	agcctcactg	720
ccttaaatca	ttacccgga					740

<210> 4297
 <211> 1191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = A,T,C or G

<400> 4297						
cccgcatata	aanananacc	cngngnacna	annacacacc	cannaanana	taatanngcn	60
ataagnnnac	angggggaac	aggggantn	ggncgaatga	ngacnncaat	tnacagggnat	120
ttaattccaa	nncnntnana	ctacngnccc	nnanatcnna	cgagnatnca	ncccaagnag	180
nancngacan	tcagangagc	gtnttacaan	nacngcaann	acnngaccag	ncnggancca	240
taangggggn	caaancanna	nttccangga	tcangcatag	tacnaccnct	gaatnggtac	300
cattncnact	ttacnncnga	cnaacaagta	tccctgntgg	cctnaaaatn	caagttgaaa	360
atnaantcng	aantctncca	gancaaanan	gacatncann	ccnatnnntt	anantacnaa	420
ntatcnaatg	ntanaaatcc	atggnnnaaga	cataaaaaact	nncagctata	naaananctn	480
ntaaanggct	attnggatnt	aaaaaccana	tnatnnnacc	ntncaacnac	ctannnnntna	540
agaaancann	tnnncaanaa	ntacnancca	atnnncagan	ggacgnnaaa	tgnnnacant	600
cangaaattg	aaaccngana	agncccnatn	naangnnnta	aaaacntcag	cggcaaatcc	660
cncatnccac	naanggnntn	ncggaaaang	gnnnntaact	ggntaacncc	natantntaa	720
aacgggaacc	atcgccaatg	cgtncgctan	ccaacanann	taaancgatc	nacannacca	780
cagnnnenta	ttnaagaatc	tnganannca	cacttacnna	ttcaaatagg	ngnntnnnn	840
tgntatnta	ncnnatnngc	cacatctnat	ntatcaccnc	annctcanng	ntcnnacanc	900
atggagagca	tntcngngana	caancngngt	annancacat	cncancanng	cgaaacncca	960
nataatntacn	tgggtantca	ncgcgnaact	gcgcgcgcgn	agnatnagat	cacattatnt	1020
gatactacag	ctaaanngac	acacattaca	nngtntntac	anaaatactn	tacnntcnan	1080
acncnntaca	cacaaaaatt	acctcanagg	gaganannta	catatctnaa	aacanccecn	1140
anantnancn	naaaagactc	cntacgcgna	nanagtgcgc	tctcgnaann	g	1191

<210> 4298
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = A,T,C or G

<400> 4298						
ntnecgtttnn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtattcta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcatcca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcagtgtc	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atttgggggt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttcctgtc	tccgctgtc	ccacagtagg	tattgaaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aatagataca	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaagat	gctgtggtgg	atgaggttgg	agttcgaaag	aagaagcaag	540

cgctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggg	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4299

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4299

ntnctgtttn	ntanaacntt	gntcttttnan	tctgcaggat	ccctcgattc	gctaacaagc	60
gattctaaac	cacctatgag	tatttctttt	agggctcact	taaatacatg	tttgtatata	120
ctgtattteta	gccagaataa	ttttagatct	gatcaggtag	tagctaaaat	tagaaaaaaa	180
caaaatagat	gcttaaagaa	tttgcaccca	tttttgagtc	taaatctttt	aaaatatact	240
gagatccaca	tctagtgaag	tgctcaggtc	aaaatattat	agattatagc	taaaatccag	300
attaatactc	atgtggggtt	ttttatagtg	gaacttcata	gtaatacaaa	aagcagattg	360
tcttctgtgc	tccgtgtgtc	ccacagtagg	tattgaaact	ggtaaaatca	gttttttgat	420
agtgtgtgta	tataagaaaa	aataagatata	cacattcttt	tttctcagtc	aacacattga	480
ttgaacactc	tggcaaaagt	gctgtgggtg	atgaggttgg	agttcgaaag	aagaagcaag	540
cgtctggcctg	ccttgaaaga	accgaagtct	ttcccattca	cttctctaga	aagctgccaa	600
ggacagaggc	agaaagaatg	gatgaaantt	ctgtcaagca	cacttctggg	ctcttaaaac	660
ttagaagtgg	ttctaanaga	acagaagtat	tagagaaaca	gttcctgtgg	aatcacatct	720
ttgggtggna	cccattgctt	tttttctggt	tga			753

<210> 4300

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4300

gctnntgacc	annntanngn	tnggaatcnc	antcgttnna	tngcncntng	attcgaattc	60
ggcactnngn	gtctnntcgn	tctgtgttgg	caagggttag	ttncctaagt	agcaagatng	120
ttccctncta	acaggctccg	acgggtgaac	agtntgngtg	ntatccatac	ncaggcacat	180
gccatcggct	tacagcangg	tcctcaactg	gtgcctgctg	gccctggggg	angaggcaaa	240
gctgtggctc	ccagcaaagc	agancaaaaa	gagttcgccc	atggatcgaa	cantgacnag	300
tatcngcnac	gccgagagag	gaacatcatg	gctgngaaaa	agagccgggt	gaaaagcaag	360
cangaaagct	caagacacac	tgcaagagtc	aatcagctca	naagaagata	atgaacgggt	420
ggaagcaaaa	atcaaattgc	ntgaccaagg	aattaaatgt	ntcaaanga	tttgnttctt	480
gagcatgcac	acaatcttgc	agacaacgtn	cagtcatta	ncacttgaaa	aatttcgaca	540
agcagatggg	ngncaatggc	acggaccant	tgacccttaa	ccccttttcc	aagactttta	600
naagcttgna	ggcttttgga	tggctaaaaa	ggtgtgtggc	cccccggnaa	cctcnnatcat	660
tgtcanengg	gcntnaaaaa	ntttggccca	tttntccent	tgaacttcan	nagnacccca	720
tttggttaggc	ctatttttcc	tgggggannn	aaatccctnc	aataantnt	nnnttnnnn	780
ttaaaanngn	ttnnccnttn	ngnatcccg	attatccngg	gnttttaaaa	nggatnanan	840
ggntttttct						850

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (790)
 <223> n = A,T,C or G

<400> 4301

cnatcatctt	tgntttctata	ctcagcttgc	ntgtanagna	ngtccgggtt	accgnncncc	60
anngtaccct	atanngantn	gtantacaaa	gagactnann	gcnnntnaa	ggccgcgtta	120
ctacananna	cnnantngtn	acncnctngn	atcaccnanc	ttaatctcct	tgtancacat	180
ncctnctttt	gccagctngc	ntgatngcga	agaggncct	accnatcgcn	cttncaaaca	240
gatgnggcaa	actgaatggc	aaatggacnc	gccctgaacc	cncgcatnaa	gcgctgttgc	300
tgtgcagggt	accgcncag	tnacccanta	cacttnccan	cgccctagcn	ccctttcctt	360
cctttctttt	tcnttacgta	cncnnaatnt	gcgnnggatn	ntnnnantaa	gctntnaatt	420
ttaggcttcc	natacngtnc	ntaantagng	ctttaccgca	cntngatcnn	tnaaaaantng	480
nntanggtna	nggggtcanat	accgtgccat	acccttgtag	accnttnntt	ncctttgaac	540
gtngaagtan	atcgttcntt	aataatncac	tcttggancc	aaactggaac	cananctcga	600
cccaatctnc	nggntatntn	ttnggattta	taaagngatt	antgcccttt	gtnnnaacta	660
ttggggcttg	anatntgncc	aanattttta	cgatgaaatt	ttaaaccgcg	aaattttaac	720
ncaaaaaatt	ttaccgcttt	ancaatgtta	tttggaatgc	ctntaaacce	cctttntann	780
tcnctcccc						790

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

<400> 4302

catatatctt	tgattccntt	naacccttnc	naactacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	ccaacgatct	gtatcaacca	cgtcttcatt	ttccttttcc	120
tgtttgnctt	actctcccc	caaaaagagt	cagtttcctg	ttttctcaat	ttctcagttt	180
aaaattagag	ccctatggca	ggtgccatgt	acagctgcaa	aggtggcaag	aagccctgag	240
aaagctcaag	aacaggtcaa	gggggtgggt	aaggaagatg	ggacgttcaa	gcagaaacaa	300
aaagaggagc	taaaagtga	agccaccccg	ccaccagccc	tcaccagtca	caggtggaat	360
taaagaaatc	tggcaaaaa	taaattttgt	tatccgtgct	tggggcggtg	acccttgacc	420
ccatttcctat	ttaaaccatct	ggattctctg	ccataacatc	ttttgccacc	tatagctaca	480
ataaagtgtc	gtcttggagt	ctgttgtaca	tttaacaata	aactttttgt	naggaaagta	540
aaaaanantc	tacagttcaa	tgcaggatan	ggatgggtgg	gccttaattc	aggaggtggg	600
aggctcaaaa	tcaattactc	tgtttganga	gatggaatct	nctggaatct	caaaaangga	660
tttnccttta	ngaactcatca	agactcatcc	cgacttcgtc	aagtcttttc	tcttggtggg	720
agttatgggt	ttggntttta	attttngttt	tggttttttt	ttttgggggg	ggnaa	775

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4303

gtttcataca	agctaactng	gttttttttta	aaagccccgt	ttccccaatc	ggnattttgng	60
gtgcnaactgc	ggggaggagg	ancccntacc	ngangnacc	naattgcggg	ccacgggagg	120
gcgtanacac	ttttnacngn	gtanatggcc	ggagnnggng	nttttancca	nattttantt	180
nntgggcncc	ccngtgctc	tggtcagncc	tttaagtgg	tnaanangca	cgngcctanc	240
ccctaantta	aaatncccca	gnanaanact	nttgcgcnat	naacatcact	gannggtgtt	300
tctnatagta	tgntntacac	ctatnacant	ttccctcaat	antnattacc	tgtagngcaa	360
gtggncanac	ttnanngcag	agtnaactnc	angnggtttc	tnaatngggn	natntcggac	420
ngtctngtan	anttgacaac	gnaaatat	gacgncnatn	ggaaaatnat	tgtngntatg	480
caaggcnttg	cggngtccan	cntantnctn	atggtgaaaa	tncganttat	aactnntatg	540
angctgcttg	ttnnatttga	naancntttc	ctaanttctt	tganncgna	attaaanann	600
tngttnttga	natnganagc	ntaacacccg	ctacaanate	tagnttgna	tnaatgntga	660
aaactccgaa	cctctgngaa	attcatgttt	nattttgatg	aacngggcct	ccaatntntt	720
attcggnttt	ntannnggac	gnnacctgtt	gatanngctt	ttttcttttn	cntntnanng	780
aanaatnaac	ctanntaact	caaangcnct	anttgatctc	antaaaann	ngantgnaan	840
tnncnattga	ntttnaaagc	gggntttant	ttaaaaanaac	ntcccttttg	ggngctgtggg	900
tngttgncna	cncnanangg	tgnaaaattt	tttttttncg			940

<210> 4304
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

<400> 4304

annnnnnnnn	nnnnnngnnn	nnnnnngggg	nnnnngnnnn	gnnnnnnann	nnggnnnnnn	60
nngggnnnnn	nnnnnngggn	nnggngncng	atangnagac	ccgttnatac	aacgaccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnnaacacn	nnnaaacnc	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nganganagcn	420
ggaacnggcn	caaanaacngc	agcaaagnca	gcanaganac	gcaaaggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaagg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgna	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncngaggg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgngngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaacccca	nccncggagn	gnaaaaaggg	840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4305
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (891)
 <223> n = A,T,C or G

<400> 4305

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcna	120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtnct	anactcnnaa	aacatgangg	tngtnaganc	ctcnncgaga	catnccaata	240
tctgctcctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnngc	480
ngacnatggt	aaanggacna	atnattcggg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	tagggngtc	ccnncnctg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagngnatg	gatgngnaaa	gaaacncnt	nnnttgngn	660
ctttgccaca	cnncnngggn	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgn	ttttttacag	nttngacnca	aaaantttaa	agggaaancc	c	891

<210> 4306
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 4306

ntcnnccttt	aanccentat	ccttctcnaa	acctttggaa	cgencnctnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcagg	ccagtcactg	caaaagtgac	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgacagagaa	cctgtaagta	300
atggaaggtn	anaaaaaatt	acanaatgga	aatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttaa	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tgggtagata	atctggtaat	aatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangng	tcntngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atatcnaaaa	ttgccanttt		770

<210> 4307
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

<400> 4307

ggnggggnttt	ttnatatana	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gggccctcat	ctccagctaa	ctgtggagaa	gccccctggg	gtccccctgat	120
taatggaggc	ttagctttct	ggatggcatc	tagccagagg	ctggagacag	gtgtgccccct	180
ggtggtcaca	ggctgtgcct	tggtttcctg	agccaccttt	actctgctct	atgccaggct	240
gtgctagcaa	cacccaaagg	tggcctgcgg	ggagccatca	cctaggactg	actcggcagt	300
gtgcagtggg	gcatgcactg	tctcagccaa	cccgtccac	taccggcag	ggtacacatt	360
cgcaccccta	cttnacagag	gaagaaacct	ggaaccagag	ggggcggtgc	tgccaagctc	420
acacagcang	aactgagcca	gaaacgcaga	ttgggctggc	tctgaagcca	agcctcttct	480
tacttcaccc	ggctgggctc	ctcattttta	cgggtaacag	tgaagcttgg	gaaggggaac	540
acagaccang	aaagctcggg	gagtgatggc	aagaacgatg	cctgcaggca	ttggaacttt	600
ttcogttatc	accaggcct	gattcactgg	cctggccgga	anatcttcta	aggcatggctc	660
gggggaaaag	ggccaacaaa	ctgtccttct	ttgagcacca	anccnnaccc	aancaagcag	720
acnttttttt	tt					732

<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4308

gnnccagctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tgtattcaaa	cttatgagag	60
tataaaggat	ctggagggtg	gggatatgac	tgacaaggaa	aggctgtggc	cacctgatga	120
ccctttccct	ttttattaaa	cggacacac	ctgtttccca	tttcgctgta	gttttagtttt	180
tggtttggtg	tggttggaac	tgctttgaga	atcctgggat	ttgtgctgct	gctgttatctc	240
aaagatcaaa	ggagtaaaac	atagttgctc	ctaacttttt	tccagcagca	gcaagtggta	300
ataaacatga	aaactgggtt	gtagcagttt	tgaaagaata	gaatgcattc	aaatgtaagg	360
ctgcttctgg	atcattaaag	ccagtttcat	caaacagttc	aacagagagc	agcacttaat	420
accctttata	cagcccattt	tttcatagtt	tcatttgttc	ttgcccacaa	gcttgaaatc	480
caggttaagg	tatccagcct	ttatcatata	agcattgaca	ttatccaggc	ctagttagta	540
gcagtagggg	aacgggattg	aaaaagattt	gatggagagg	aaagtatcta	atattagtca	600
tgggtttgac	ctaaattgct	agacagtcgt	gccattcaca	aagtcagaaa	atncagcagg	660
aagagacgct	tttananggg	cagagaatta	gaggatgggtg	gtagtaatga	aaatgatgc	719

<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4309

gggttnannt	tcnaanngct	gggctangcg	ctttctgcag	gancccatcg	atncgttcgg	60
cacgagggtga	cagagagcag	ttgaaatggg	tttttagttc	ctatggaaaa	gttgaagggg	120
tttggctctaa	ggaccagnca	cagtgggaaga	atgcatctga	gaatgatgag	cgcttatcta	180
acccccagat	tgagtggcag	aatagcacaa	ttgacagtga	ggatggggaa	cagtttgaca	240
acatgactga	tggagtagct	gagcccatgc	atggcagctt	agccggagtt	aaactgagca	300
gccaacaggc	ctaagtgcc	ggtncctgg	cgttgggtgac	atgctgcagc	ctggaactct	360

gatataccagt	gtgactgcaa	agctgtcttc	tcactgggtac	tgccttgtga	gtactgggtg	420
gactgtgggg	catgtggccg	ctgcagatcc	agtggttatt	nctaagncta	tgacaggaca	480
ggctganctt	gcntcanaac	cttctctgac	agacacggga	actaaatgtg	aaaaaccaat	540
aanctggaga	ctcatgaatt	cacacgagga	aaagcagagg	nttattnatc	tgnccttttca	600
acatttnttt	cctctgngaa	angaanggtc	anaggctttg	naaaagtggg	aaaactaatc	660
acatgggaag	tgtaagggcc	ancatccaag	ctaccaantc	ctaaangngn	caaanacanac	720
ctttnnggaa	aaaccnaatt	tttnnaagccc	gggntnnnnn			760

<210> 4310

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4310

tttnaatngt	nncttccectt	tcctaatanngc	ttggcggtttt	tttccatttta	aaagtattttt	60
atttttttcc	agtcaaatga	ctagttaaca	agaaagagta	aacttatttaa	acatgctcta	120
attataaatc	actgcattaa	ggacaatgaa	aataatcaat	ttcggttata	caatatatac	180
agttgtgctg	caaccaaagt	aatcaggtga	atgaactgaa	tatcatacat	ctcaaaatag	240
catcctaagc	tgcatattat	gttatccacc	ccttaacaga	tcacacagtt	actcttagtc	300
tgtgtacatg	ttctgagcca	tcatacccaga	tctgatggag	aatggcatgc	aaaatgccag	360
aatcctgcag	ctgcagttca	tgaaacataa	actttaaata	taaatagata	tctacaatgt	420
ttttctttct	cttagttgct	tttttaattt	gcaaggagca	aataactaag	aaaggatatt	480
agcagggctg	ttaatatata	tctcctctgg	taagagtact	attagttact	gcacaatagc	540
acccaaattg	gtagactgga	aaaatatattcc	tanggtattt	atgtcccagt	ggaacctgac	600
cggattaagt	tttggggact	gggagttcta	aatgggttga	tattgaaatc	aacctttaat	660
tccttaata	ntaagcctng	gcaacccaag	gtnggggtcca	aaaagggcnt	ggacctatta	720
aaaaattcca	ggattgncca	gggaagggat	ttgggttaaa	aaaattggan	ccnttaaggt	780
ggccaccttg	gtggccaaaa	aattnccat				809

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4311

ggaaannttt	tcctaanacc	tggaacaagaa	ncagnaataaa	cgngnctngg	aaacttcctc	60
ttncnncnag	cannncnaca	ttgggnctgg	gcacgaggtt	agagtaagta	anagatntng	120
ccnatTTTTg	cacttaaanc	caagaaagag	agtcancaaa	tatttatacc	attctctcat	180
taagtgcac	tggttccata	aatttaaaga	cagcgggtca	cccatatcta	tgggnnttga	240
ttncatgggt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacaat	ggaaaattcc	300
agaaataaac	aattcataag	ntttaagttg	catgccgatc	tgagnagcct	gaatgaaaat	360
cttacancat	ccccctncaa	ncaggctagg	ncatgacatn	ancccccttg	ccagccataa	420
tccaacactg	gttatggcta	cccaccccan	taggnaacat	antagccaaa	cnnggggtatt	480
caganccgan	cnggnctngg	gnaanccata	anatgnctcg	gagnnccaag	ggnacccctn	540
aaannntacc	cttaaaatag	ngganccccc	aaaatggcca	nngaaatggg	ccaaaanngg	600
gaaanaaac	gggccnnaan	ncnaacaaan	tanngntaaa	cgggnncatn	aaagnccccc	660

tnnaccagng	gccccaaaaan	nactgnaant	aaaaatccca	ntnaaaagggg	cnaataaaat	720
tnnanggnaa	aaaaacnagg	gngggaccnn	agggncaggg	gccccaaaaag	ngggncnna	780
canaaacccan	cnggggancn	ntaaaaanct	atnancccgn	gggnaaaagg	ngngaancce	840
cggaaannnc	aaaanntncc	cttgg				865

<210> 4312

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(940)

<223> n = A,T,C or G

<400> 4312

ttenctttcc	cnctctctng	gaaacccttc	ctttcctaata	gttcctaatt	cctcnnnnnnc	60
tenctctenc	tctttctctg	ceggctenggg	nnengtnncn	tnttgctttt	ttctcccngt	120
tttnncnctn	gcenctacnt	nnccngntga	ggagnccac	ctgcggagac	cgctgntnnc	180
nencannccg	ctngntgntt	cntgnccgn	tggetcanct	ccancgectg	ntccccccctn	240
nngtgncgcc	nngggntcng	tngatccenc	gatngccntt	anggettata	cgaatgnnca	300
tgccttccgc	accennncat	tnannnccgn	gcctctgctc	cctcctnacc	tnctgengac	360
tgnetgcacc	tccttgcttc	tntgcenccc	nnntcgcccn	ggctcccacc	ccnngntgnt	420
tgccgntgct	tnncntgtn	tcnnggaacg	gcnnngnnc	cttnncccc	gnntcnengc	480
tcctggccnc	ctnncccntt	gnctgnttcn	neccccctnc	tnnnngnncn	ctnnccccc	540
tcnnntctcc	nennccctnc	nnnnntcccc	nnnncctccc	nnnctnnncn	ctcnennntc	600
cnnccccccc	cnncnccnnc	nncccttnc	tcnctnctc	tcnncncccc	tcnncnctnc	660
ccntnccctc	cnctctnnc	nnncnncnc	nnnnnnnnc	neccnccnnc	tcnncnnc	720
ctcnncnnc	nnccntnct	nnnnncnnt	ncttnncnnc	ntnnntccnnc	ccnccccnnc	780
nnnncnncn	ncntnnnnc	ctcnncnctc	tnntccnncn	nnctctctnc	cnnnnnnnct	840
cnnnccctct	nnnctnncn	cntcnccnnc	nnccccctn	nennnnnnnt	cnnnnccccc	900
cnncccnnc	nnntnccnnc	tcnncnncn	nnntnntncc			940

<210> 4313

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1051)

<223> n = A,T,C or G

<400> 4313

cannnccncc	nnaacnnnna	tntcatcnan	ncacnannna	ancnncnta	cnaanatnct	60
ncgnacaacn	agngannnct	ccccccctt	nnaaccgcgc	cttatgcnga	acccacgatt	120
cgaattcggc	acgagcccat	cgtgcgctgc	cccacgggtc	ggtaccacac	gaaggtgcgc	180
gccggccgcg	gcttcagcct	ggaggagctc	aggggtggccg	gcattcacia	gaaggtggcc	240
cggaccatcg	gcatttctgc	ggatcccnag	gaggcggaac	aagtccacgg	agtccttgca	300
ngccaacgtg	cancggctga	aggagtaccg	ctccaaaact	cannctnatc	cccnaggaaa	360
gccatcggac	cccaagaagg	ggagacagtt	ctcgctgnan	aacnggaaac	ttggacacca	420
anctnaccen	naccggcaat	ncccncccg	gaaantctna	aancgaaann	ancaacgnnc	480
atacacaac	acnnannnnan	cnngnncana	ncnncnncn	cnnatnnttn	naacntcnnc	540
antctnncn	nnnccnctc	naccnanc	tanntnnna	ntnctatcac	anannnagnc	600
cnnnnntcaa	caannaccnn	nancannnna	annncnanc	cnnnnntanc	atncannntn	660
cntcaacat	nacatannan	tanntccnaa	nnnctaant	anngcnac	nnccatctac	720

ncntntntn	aantgcctan	aaancaacnnc	cncncaacta	anntcnacat	anacgcanna	780
nataatcga	acaaancata	acgnacacnna	naananattn	cnngngnaac	tacctannat	840
antanaaaca	ccnannacca	accanactcg	nccacnngcn	ctcnctncnn	nnngcgntcn	900
cncacacgtc	ngcnanccac	tntcttnccn	nncenncgct	nacnccccgc	tccatnatan	960
naccacaacn	nmntcataac	annntcgccn	anancgacac	ctnatctcgn	cncgnganag	1020
annactctaa	gncacanata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	gnngatccct	cgattcgaat	tcggcacgag	gaaatgtgta	60
tttcagtga	aatttcgtgg	tctttttaga	ggtatatcc	aaaatttcct	tgtattttta	120
ggttatgcaa	ctaataaaaa	ctacettaca	ttaattaatt	acagttttct	acacatggta	180
atacaggata	tgctactgat	ttaggaagtt	tttaagtcca	tggtattctc	ttgattccaa	240
caaagtttga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataatttctt	300
ggaaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctggt	gtaattttaa	attttgccca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtn	ttttnttttc	tttttggatg	480
tgaaggtgaa	cattcctgat	ttttgctgat	gtgaaaaagc	cttggtattt	tacattttga	540
aaattcaaaag	aagcttaata	taaaagggtg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtcnta	aatgtatttt	tgncctcata	taccggaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaataa	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccgg	ngntcctttn	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgtnnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcggtggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgcccn	tgctgaancc	ntgnnccttg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgngg	cggnnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccggtta	ggctagggct	tgctgcaacc	gaagtccctt	ctttggtntt	ctaaccatcg	660
ccttttttaa	nncggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagnctt	720
ttggccccaa	tttcnantt	tttgaaanaa	ggnaggncgg	ccntncttta	nnnggcttcc	780

aaaccttggg cttaganccc nggctttttt t

811

<210> 4316

<211> 942

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(942)

<223> n = A,T,C or G

<400> 4316

gnagcgtnnn	cctttggaac	ccnttgctac	ttgctctttt	tgcagggatc	ccatcgattc	60
gaatncggcg	cgngnctgg	cntaggcgtn	gnnnatncca	aggccatatn	acatnngatn	120
ntncanaaga	gncatataat	cnagnnngta	aattcacatt	gtgctgctca	catggatnga	180
acatacaa	tgatggttat	aaacctggat	gctcaccatg	actccaaagn	nctnggtgnt	240
aaccatggnt	atagnngnag	ntcnanngg	actnnatgat	gataccgagg	ctctccagaa	300
caagctccan	gaantgatca	ctgngctanc	ngnggctatg	acagctgtaa	ngcncgaaca	360
ggaatacntg	gaagtccggg	tnanaataca	ctnagccatc	ancgactgca	catacagcat	420
agtggtnctt	gtggctcttc	ttngaattct	tngttctagn	caccatgaca	ttgngacaga	480
tntactactt	gaagagattt	ttnaaagtcc	ccagagntgc	ttaganaaa	tcnactnctg	540
angatecnac	ctnaagaatt	naatgntnac	caaacaccnt	gntcntaata	atggnccata	600
gttttctcgc	atgnttttat	gttctnggac	ttgtaccatt	tcacatcgta	atgggtgnca	660
nttngagaat	taatcncatt	aattgggggn	gggaaanaac	ggcctttttt	anggcnaaat	720
tnaattaggc	cnaaaaattt	ttcccagttt	aatttgggnc	nttaaaccct	tngtntttna	780
aancttgncc	tnccatttnt	gttanagtcc	cntntcaaaa	tacttttanac	cctctttntt	840
caanttnnan	natttttnng	anttanncnc	atnccaanca	attnnttnnc	nttnncnntt	900
nacnnttttc	ccntggantt	ntcctgcacn	tcancntnnc	ct		942

<210> 4317

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4317

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncagg	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncntcat	tgaatcaa	tggaaaacct	gctggcntgc	tgctgacgac	tctgnggcta	180
ncaaggtnct	anactcnnaa	aacatgangg	tngtnaganc	ctcnncgaga	catnccaata	240
tctgctcctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncctaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnnggc	480
ngacnatggt	aaanggacna	atnatctggg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	tagggngtgc	ccnnncntg	cctntcnntc	canaaatgcn	600
tanacgctgc	ttntacctgg	gaagngnatg	gatgngnaaa	gaaacncnt	nnnttggngn	660
ctttgccaca	cnncnnggg	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccttttac	780
agggnaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccngt	ttttttacag	nttngacnca	aaaantttta	agggaaancc	c	891

<210> 4318
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4318

ntcnnncttt	aanccentat	ccttctcnaa	accttttgaa	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnngt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaagtgac	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaa	tgcagagaaa	cctgtaagta	300
atggaaggtn	aanaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttta	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tggttagata	atctggtaat	aatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangng	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atatcnaaaa	ttgccanttt		770

<210> 4319
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4319

tgttttaatn	ctngtcaaat	ccttggctac	tcgntctttt	ngnanncgna	ttcngnncgg	60
ntcccatcnn	ttcgctgggg	tgggcagttt	tttgaaaatg	ggctcaacca	gaaaagccca	120
agttcatgca	gctgtggcag	agttacagtt	ctgtgggttc	atgttagtta	ccttatagtt	180
actgtgtaat	tagtgccact	taatgtatgt	tacccaaaat	aaatatatct	accccgact	240
agatgtagta	ttttttgtat	aattggattt	cctaatactg	tcatcctcaa	agaaagtgt	300
ttgggttttt	aaaaaagaaa	gtgtatttgg	aaataaagtc	agatggaaaa	ttcatttttt	360
aaattcccgt	tttgcactt	tttctgataa	aagatggcca	tattaccctt	tttcggcccc	420
atgtatctca	gtaccccatg	gagctgggct	aagtaaatag	gaattgggtt	cacgcctgag	480
gcaattagac	actttggaag	atggcataac	ctgtctcacc	tggaacttaag	cgtctggctc	540
taattcacag	tgctcttttc	tnctcactgt	atccagggtt	ccttccagag	gagccaccag	600
ttctcatggg	tggaactcag	tctctttctc	tncagctgga	cttaaaacttt	ttttctggac	660
cagttaattt	ttncaaactac	taatngaata	aaggcagttt	ctaaaaaaaa	aaaaaaaaaa	720
ctcgaacctt	tanactatat	gagtcgttta	cgtagatcng	actga		765

<210> 4320
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4320
 gtnccnnttt gaatncncat acaagctact tgttcttttt gcaggatccc atcgattcga 60
 attcggcacg agcttatctg tacgagatnc attccnagac ccctagtggg tgcctgaaac 120
 ctccagatngn actgaaccct ttatgaacta tgttttttca gtctgacaac caaggcggct 180
 actaagtgac taagggggcag gtagtataca gtgtggataa gcaggacaaa ggggtgattc 240
 acatcccagc ctgngcaaca gagcaagact ctgtctcaaa aaaaaaaaaa aaagtctcan 300
 taacctatgg gataatatac taacaaacag ctgtgtaact ggaatnccat aaagcantgg 360
 tggacanagc agaaaaatat ttgaagaaat aaagactaaa attatgtcca ntttgatgaa 420
 aattatnctc tgacagatct aaganttttna gcaaacccta atcaagatag tctctctctc 480
 cctctcacat gcacgcacac gcaccgaagt tnagccataa tcaaactact aaaaaccant 540
 aataaaaanga ataatcttaa aatgtngcca gagaaaaaan gacacgttac aaacagaaga 600
 acanggggta gaaaactgaa actttcccta naaactacat acgcagaaga caacaaattt 660
 gcttaaattg tgaaaaatcc cctcacacta gagagaggct ttggtggtag catggctnag 720
 taggtgcaca agacgtgccc tcct 744

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4321
 gnttgnngtn taantttnta aggatccctt tntntgaanc cctttctgca ggatcccatc 60
 gattcgaatt cggcacgagg caggagnaat cacttgaacc ctggagggttn cggttgcagt 120
 gagcacagat catgccactg cactccagcc tgggcaacaa aacgagactt cgtctcaaaa 180
 aaaaaaaaca tagaatttgg atccttttgg cggttctctc caaattcttt tgagggtgtcc 240
 atgggtcaact gcttcagctt tgttttggca accccctgcc cgaagtcgca tataggctgt 300
 tcttcacctt gtttccaagg ctgaggaaca gaaagtagcc tctgttttga ggagggtggaa 360
 gttaagtata catttatatt ttactgtgac ttgttcagga ccacatttta caaaatgcct 420
 tgtttccttc attgtttctg gaaaggaaag ttctattaat attgntttac tttgaatata 480
 gaatagtttt tttaattagg gcttatattg aaaaattctg agtttaattc aaatgtatgc 540
 caataccttc caaagtaagg taatattcag agacagttgt tggatgatcag atggcttaga 600
 gaaaatttct ggaatattca cattcgaaga tctttattat gaatgtcttt gacttaaate 660
 taacccaaaa ctgcacatta ttctttgnac attttcatta tatagngtta acaagcttan 720
 ttgcaaacca ataaatactt aagctattta aaaaaaaaaa aaaaaaactc nc 772

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4322
 tnnctttnac tntntaatc cttntngang ccctntngca ggatcccatc gattcgcgtc 60

tgtaatccca	gctgcttggg	aggetgagge	angagaatca	cttgaaccct	ggaggtggcg	120
gttgcaagtga	gcacagatca	tgccactgca	ctccagcctg	ggcaacaaaa	cgagacttcg	180
tctcaaaaaa	aaaaaacata	naatttggat	cctttggctn	ggttctccca	aattcttttg	240
aggtgtccat	ggtcaactgc	ttcagctttg	ntttggcaac	ccnctgcccg	aantcccata	300
taggtgnnc	ttcaccttgt	ttccaangct	gaggaacaga	aagtancctc	tgtttngagg	360
aggtggaant	taagtataca	tttatcctnt	actgcgactt	gntcangacc	acattttaca	420
aaatgcctng	tttccttcat	ngcttctgna	aaggaaagtn	ctattantat	ngtgttactn	480
agaatataga	ntactttttt	tnattntggc	ttattttnaa	aaattctgag	tttaattcaa	540
atgtntgcca	ataccttnca	aagtaaggta	atntcataga	cantngttgt	natcacatgg	600
cnttacanaa	antnctggat	attcacnttc	taaanattcc	ctattaaatg	aatgtctttg	660
acttaaatnt	accaaaaactg	cncatattct	cgtacatttc	gtaaatngtg	nacaagctan	720
ttgcaaacaa	taaatacnta	actaaaana				749

<210> 4323

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4323

nttnngtttt	tantttntnn	aancctttgt	tacntgcnet	ttctgcagga	tcccatcgat	60
togccagccc	ctcctctccc	cgccttctgg	gaggaggagg	tcacncgctg	atgggcactg	120
gagaggccag	aagagactca	naggagcggg	ctgccttccg	cctggggctc	cctgtgacct	180
ctcagtcccc	tggcccggcc	agccaccgtc	cccagcaccc	aagcatgcaa	ttgcctgtcc	240
cccccggcc	gcctccccca	cttgatgttt	gtgttttgtt	tggggggata	tttttcataa	300
ttatttaaaa	gacaggccgg	gcgcgggtgg	tcacgtctgt	aatcccagca	ctttgggagg	360
ctgaggcggg	cggatcacct	gangttggga	gttcaagacc	agcctggcca	acatggggaa	420
accccgcttc	tactaaaaat	acaaaaaatt	agcccggttg	tgggtggcgcg	tgccataaat	480
cccagctact	cgggaggctg	aggcaggaga	atcgcttgaa	cccgggaggt	gggggttgcg	540
gtgagccaag	atcgaccat	tgcaacttcag	cctgggcaac	aagagcgaaa	ctctgtctca	600
aaataaatta	aaaaataaaa	gacagaagca	aggggtgcct	aaaatctaga	cttgggggtcc	660
acaccgggca	ncgggggttg	aacccaacaa	cctggtaggc	tncaatttctt	tccaagcccg	720
aacagaaggt	catgccggcc	ccacangaaa	ancnggcagg	gccncggggg	gct	773

<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(916)

<223> n = A,T,C or G

<400> 4324

nttcnnngn	aanttncgng	natnntgncn	gaaccctttt	cgatnnnnnn	gattcgnagt	60
acngacnagg	agannctgnc	ggncntgtgn	tggaaactnn	ntttggaccn	cnctttnncc	120
ngtgcctntgt	gaactcagag	cacgggcnnnt	ttggaccnac	tcaaggccan	tcatggcatg	180
gctcatncct	gaggcacgna	nganactac	attcncagg	gcccttcnaa	acaatggacc	240
ncnatgcngg	catactgngc	ctgcgaccen	aaanacnnna	ngnntgtact	gaatatcaag	300
atcnacttag	antctaagag	agnntggncn	nnnaactgat	cancanggcc	ttccangggg	360
cancannag	acactgcgag	tnacagagac	ngccatgggc	gntgctncct	tacnnagnng	420

cacagggcenn	accntcatgn	aaccctaang	ctgtncnnat	gtactccgaa	tggcctttna	480
nncgnacngg	cctctaagt	atgcnnccc	gtntcanatg	nnccgtaca	atatctcang	540
ggacatgggg	antnatnnnc	ancnnaaacc	tttnanaaaa	ggcggcntta	ccnttacnnn	600
aaaaggatgg	cttnnnngcta	atcaaaaanc	ntgtaaaccc	tnggcnatta	taaacccaag	660
acccgggaca	aanctnnggg	taccnngtcc	aattnaaact	ggcctnccnn	tcntgggtcnc	720
ccaaccaag	tnaaacctan	ttngcagngg	gttataccgg	nanncnaatt	ggntncaacc	780
ccaacttngg	gaaaataatt	tttncnaaat	gcntcnatcn	aaccctgnct	tttnnanaaa	840
aaccaggct	ttttnnctng	gggaaccttn	aancggggan	ttggccttnn	caaaaccacn	900
tnccncttta	ggtnnn					916

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4325

cnttnnttna	tgacccttgt	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggga	ccatgagaac	cgaagctaga	attgntattg	aattacttta	ttttctcttc	120
ccttattggg	tagagataca	tcattactgg	cctcaggggt	ttacccaaag	aaagggtatt	180
tttgagcaaa	taatgtgatt	tcctggctat	tttggtgggg	gcttaagatt	tttttttttc	240
aatgcatttt	ttagtcacta	aaaatttaact	gtcgtaccat	ctagaactat	actgtccagt	300
accatagcct	ctagccgtat	gtagctattt	gtattaagat	taattgaaat	tttaaattcca	360
gttcctcagt	cacactagcc	acttttctaag	tgtcagtag	ctctgtgtga	ccagcggcta	420
ctgtattgga	tattatagaa	ggttctttca	ttcaagatca	tcattcttga	cagaccata	480
aatatttcct	ataaagactg	tagaagtgtg	ttctggaggg	tttgctctcc	aaaaagaatt	540
gtaatataga	gtagaattgg	gatagagtat	tgaagacact	gggttttagac	attggatatt	600
ttaatgattg	tgtgtctaat	tcattggtgct	gncaactgag	ttatctagt	atatgacctc	660
actgtcttga	ccaaagccag	aatngaaggc	aggattcctg	aatctatctt	aaaattgcaa	720
tggaaanagcc	ttttccctaa	attatccatt	tgttaatt			757

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4326

ntnnmttctn	aatccttggt	cncgcctttc	tgcaggatcc	catcgattcg	gagaggagca	60
ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	ctttccagga	120
cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	taaagaaatg	tacttccgga	180
gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	acctgaggag	240
aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	ctgtgcagta	300
ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	caaaaccatg	360
tgtgagtgtt	atgactattt	atgtgatatt	gccgtatcaa	tgaagaaagt	aggacttgat	420
ccttcacagc	ttccagttgg	agaaaatgga	attgnctaag	ccaaaagaaa	gtctaattat	480
atacagagat	aaagctaaac	gtaattatta	tttaaatgaa	agctatTTTT	ttaaatgaat	540
ngaaattttt	catgatgcta	ctaatttgnc	actaaatctg	caaagtgtca	ccctgaattt	600

```

cttctgacat tgggtgntatt tgcttatatt ccttataatt ttaaataag gcacagtga 660
atgaaaattt tatactctat gnntctggna attntaaat ccttaacagc caaatttttt 720
gcctttaatt cttttanata tatactctcg agaaatcn 758

```

```

<210> 4327
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (757)
<223> n = A,T,C or G

```

```

<400> 4327
ngtanantan naacntgggt ntcgctcttt ctgcaggatc cctcgattcg aattcggcac 60
gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcattc atttttgaga 120
agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
aagggtctta gaagttaa atcatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
gcacctctct ggtaaccca aactctgcaa gaaagcactg tgactaaaac atacataacg 360
cctgcataaa tattccatgg ttccagttaa atttcagttt ttagccttta cacatgaggt 420
caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
tctctgtagt aatactaatt ttgtgccttt tgtctgcttt ctttaagacca gttgttcaca 600
ctttgtagat attaacaa atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
cgagcctnta gactatagtg agtcgtatta cctgtagccn gaccatgata agatccattg 720
atgagtttgg acaaccacac tngatgcagg aaaaaat 757

```

```

<210> 4328
<211> 757
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (757)
<223> n = A,T,C or G

```

```

<400> 4328
ngtanantan naacntgggt ntcgctcttt ctgcaggatc cctcgattcg aattcggcac 60
gagccaagga gttttccacc cgtctctcat ggtcacagcg ctagtcattc atttttgaga 120
agttgcttct tttacatcag aaaaccagtc aatcatatgg agacttcttt tgtgatgaaa 180
aagggtctta gaagttaa atcatgcatgc acatgaaaac atgcacaacc acagcctcaa 240
tcttgatatt agtttgggga aagagaagag aatttcctgt ggattatttt ttcctcaagt 300
gcacctctct ggtaaccca aactctgcaa gaaagcactg tgactaaaac atacataacg 360
cctgcataaa tattccatgg ttccagttaa atttcagttt ttagccttta cacatgaggt 420
caaaggagtg acgaaaatac aaagcaagga aaaaatgaaa tatctgggtt ttgctgaatg 480
cttaatttat tttttactgt gccactccaa tatttatcaa atccaaatag catgaatgct 540
tctctgtagt aatactaatt ttgtgccttt tgtctgcttt ctttaagacca gttgttcaca 600
ctttgtagat attaacaa atatttccga ttggaataca aaaaaaaaaa aaaaaaaact 660
cgagcctnta gactatagtg agtcgtatta cctgtagccn gaccatgata agatccattg 720
atgagtttgg acaaccacac tngatgcagg aaaaaat 757

```

```

<210> 4329
<211> 746

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(746)
 <223> n = A,T,C or G

<400> 4329
 ttntttacct ttgctcttgn tcttttgcag gatccctcga ttcgaattcg gcacgagaga 60
 agctcagctc ttcttgggtct tggctagact gcctagattc ccacagcaga caagggttgag 120
 aatccattgc tgggaatcttg gtattgatga gttacagtga tggaaacatgt gcttggccac 180
 aggcaggtcc agtcactgca aaagtgacca agccagcagg tcacccttaa cttcagaaac 240
 aattattggt ggtgaactgt acttaaattg cagagaaacc tgtaagtaat ggaaggtaaa 300
 gaaaaattac agaattgaaa ataataattt gggcaagcaa acaaattcac tgagaattcc 360
 aaaagtatat taaaaaagaa gatagctatg agttcagatc tatcttattg gtctttaata 420
 ttacaaccaa tccttaactt tccactataa aggaaggatt actagattga ttactttctg 480
 ggtagataat ctggtaataa atgataggta aatcaaaaat tactttttatt taggagtttg 540
 aattcttact ctcatcagac attttttttc tagggacgct tactaattaa atgnatttaa 600
 gttgnttcta agggtttttt gcctatatat ttatgactgn gttaatgagt antgaaatga 660
 tgcggaagge agcttcagga agaggaatnc agaacctgaa taatctatgg gttagaaaag 720
 cttcctgaat atcaaaattg gcngtt 746

<210> 4330
 <211> 967
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(967)
 <223> n = A,T,C or G

<400> 4330
 nnnnnncann annnnnnnna ngnnnnncna ccannncnnn cnacnnagng nccccgctcc 60
 aaagccggca annccgccgn cngcnnnntc aaaccntgca ngcggcacnn gnngnncccn 120
 acgangcgcc agcgcgcgng anacngngct gccaaagaaan gngngcncan agnccggcct 180
 ngagaacagn acagngganc gtcanaagca gngggangac agacgacnga ngaaacntag 240
 agcccagggn nagecngacg acggaccagn tcccaaaggc ngnggcccaa agcngacnag 300
 nttnaggaag aaanacngng gacacaaccg gagacanccg annaggagcn gacnganntg 360
 gaccanang gcaagaagca ccnaaacang ncacccacca nacgaccggg gaaggcacga 420
 acggtcngag cacgagnaag acngaacna ancaacgcgc acacannng aganagaaac 480
 accncaaca ancnaancgn gggaanangn agaccggacn cagaagaang gcnaagann 540
 cggcanngaa cccnnaancn gacggaannc agggncggng ccaacaagan ggcnaagcn 600
 ggncaannna nggccggcnn ggaaaaacga ccaagnngnn cnccaaaaaa gacanggcaa 660
 aagnaaacgg gcaaagggca ancncaagg nnaagcccna naacgcgcgn nggagcaaa 720
 angnnccaag ngaggancna aagangggga aaggggccca cnaagnnggc ggnnaannng 780
 cgaannnaaa acanaggng ggggccacng gnaaacccaa gcgcgaaann ccnggcncna 840
 agggccccga aaacangggg ngacaaaaac ccnngccaaa accnnanggg ngggncccat 900
 cngnannaca naaggngaac cgnccaaggg ggcanaaagg aaaggccatn nnaangnaaa 960
 agagccg 967

<210> 4331
 <211> 824
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 4331

gttagngtgn	ggtatnaaca	gctcttgtn	tttttgcgga	tccctcgatt	cgaattcggc	60
acgaggcnac	nggtgaagcn	nntgttgngt	gngctnctca	tgaagaanct	gtggcnggta	120
tgttcaaaga	canggnat	atgcantaca	gatatataga	actcttcttg	aattnaccaa	180
cangggccgg	ntaatggggc	gnatgtcagn	caantgatnc	aactgcatgn	gggtgtctnn	240
tgcccgagnc	acttacagng	gnetggaaag	ccagtcanng	caangngtgg	ncncagcgcn	300
ggnttcngtg	ggtnaaccag	gcatggngctg	gntatnacgt	aatcttagnn	aggaacaatt	360
tnagtnactn	tnttctnat	tencnngnga	gncctcttnc	angttngtga	gcatttntca	420
ataagaaaga	agnctggggn	acccatttng	cancattnan	ttcanggaaa	aatctngatt	480
taaaaaagtt	acctntgaac	tgtnnnntaa	ngcncnnttt	nnttgtagcn	tgtgataatn	540
gatgcgaact	tntactat	atcagcatgt	tctnannata	acnttttggg	tannatcngt	600
ttagnantga	ttcnttcatn	agcctaagaa	aacttaagnn	nnggcaaaat	gccggatcat	660
tgtcacaggc	acgttcacna	attnanccnc	nctcggtgac	aacntttctt	gnttttngg	720
aaanaaattc	cacagggngt	agnctannca	tngnttctn	ggaaatttan	ctntaatggt	780
ttcggtanaa	ntcccgtttg	ngnggtttna	attaaaaaaa	nccg		824

<210> 4332
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 4332

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgtn	gngtcctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctggtctcaa	gtgatecctc	tgccctggcc	tcccaaagtg	ctggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	ntgaaccctt	ttncntngac	tngaattaac	600
nnggggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccntaa	tagncaantc	ntnttaannc	cccnaatcnn	ttagnccntn	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngcctttaaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4333
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4333

gnnnnnnnttt	nnnnnnnttt	ccnannngnn	nnnttcaa	at	tttcna	atc	gctngn	cttt	60
ttgcaggatc	ccatcgattc	gcaccgctat	cagaaaaata	tccgtttcat	ggttttata	act			120
gaatttgcaa	actactgata	tgattttttca	ataaccactt	gtatcttcca	tcatccatga				180
gaggtgggaa	gaggtacact	gtatctctgc	aataaaaactt	tggccagggt	ctacctcctc				240
tgagcaaagg	atacttttct	atgtagggtg	agatggttct	cctttactaa	tctgacatgg				300
tgcattctgga	gacaacatct	gatgggatcc	aaagacaact	tgaaacaaag	gtggatgtca				360
gctcttggtg	tgttttcatt	tggttctctt	ttttaaatct	cccttttggt	atcgctcctg				420
ttgtagcgtg	tccatcagtg	tgtgaagggt	gcgccttggt	ccaatgatac	tgcattgctg				480
catccagcct	ttcgtgggag	cacggtacca	agcgtccgga	attgattatc	ccaatcattt				540
ttgatatgta	actgaaaaat	ttggtctcat	gcaataaaaa	tgtactggct	gcatttttagc				600
aaggttttatt	tactcttgca	agtaaaaacg	atcaaccgtg	aagcgtaaca	aattctgtat				660
ttagtttttt	ttctgttggtg	gtggtttttg	ttttgggttt	tggtttgtaa	gattctaaat				720
aaattaaatc	gantnaaaaa	aaaaaaaaaa	aactcgagcc	tttanaacta	tn				772

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4334

gngnntttga	aancntggc	tacttgttct	ttttgcagga	tcccatcgat	tccaattcgg	60
cacgagactt	aaacatgtca	cctaaatgca	cttgatgggtg	ttgaaatgtc	caccttctta	120
aattttttaag	atgaacttag	ttctaaagaa	gataacaggc	caatcctgaa	ggactcctct	180
gtttgctgca	gaatgtcaga	tattttggat	gttgcataag	agtcctatct	gccccagtta	240
attcaacttt	tgtctgcctg	ttttgtggac	tggctggctc	tgttagaact	ctgtccaaaa	300
agtgcattgga	atataacttg	ttaaagcttc	cacaattgac	aatatatatg	catgtgttta	360
aaccaaattcc	agaaagctta	aacaatagag	ctgcataata	gtatttatta	aagaatcaca	420
actgtaaaca	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	gcaaatata	480
ttnttgctgc	tgatatatta	gaataatttt	taaatgtcat	cttgaaatan	aaatatgtat	540
tttaagcact	cacgcaaagg	taaatgcaca	cgtttttaaat	gtgtgtgttg	ctaattcttc	600
catangaatt	gtnaacattg	actgacaaat	tacctataat	ggatntgggt	aatgacttat	660
gagcaactgg	nttggccaga	cagtataccc	aaactttttat	ataatatcag	aagntatcac	720
cttggtgaaa						729

<210> 4335

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4335

tccgcctttc	aaatnccttt	tctatttcna	atncttggtc	acttttactt	tccgcannga	60
tcccntcgnt	aaaggcagcc	cccaagtccc	agaaagctga	ctcccctagc	atcgactacg	120
cagagctgct	gcngcacttt	gagaagggtcc	agacaagcac	ctggaagtgc	ggcaccagcg	180
gagcgggctg	ggggaccacc	tggaccggag	ggttgtcctn	tgacangcct	ggcaccggag	240
agggccacc	gagtggaccn	tnaancacta	cnggtcntna	aacacntncc	atgaggccat	300

atctactaac	ttaggcccat	ggtcagatat	gatnatctgc	aaacccatct	tgaccttgag	360
tatgtgaagg	ggtactgtac	tttattcctg	atacattttg	gtttccatgt	aggtgttgag	420
ctcctggttt	tctgtgtttg	gatgatgaag	at ttggaccc	ttccattcat	aatccctttc	480
taagtgaaac	ggagaggctg	gcttggctgt	tccttggtat	tccgaaagcc	ctggtttggg	540
gcccattgtc	acactggctc	tcagtctagt	caggtgcaat	gttcttgaan	angtggggac	600
ctaattatta	ccanagtagc	ancaagagag	gaaacgttgt	gaattaaagt	attcaattaa	660
aaaggaaaca	tgatttctac	ctgaaaaaaaa	aaatggctgc	nancggataa	tngtntgncc	720
cntgnttttn	anccggagnc	cnnnnacat				750

<210> 4336

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 4336

ggggncattt	tgcnaaantc	cccgcngttt	ttccccngtn	nttgcnaaaa	aanagncccn	60
tttgggggcn	ccccentntt	ttgcaaaaaa	natccnnccc	taggggccta	acctatgggc	120
tgcnntatan	gnnggncagg	gggagaancc	ccgcnaaang	cgnaangan	ggangnaaan	180
naacgggggc	acacacgcnc	nagnnggcag	ngncnnncan	gggnagann	ngnncaggga	240
ncagnggggg	nnngnncntnc	cgancanana	cnnggngggg	agaannncna	gagggnaagn	300
ncaccncncg	anaagnngna	nagggnggna	ncntgnanna	cgacnanact	ngngggngca	360
anccgnaann	gagacganga	nanaggngtn	cnanggcgca	aagnagnant	acnecncnnc	420
nngatacagn	aaaaaggann	naaannnacn	gcnanganag	agngananac	nacaancntn	480
ggaggaagag	acggaanacn	gggagaggaa	gggntnagna	annaaaggca	aggattaacc	540
tnacagaaat	gaanaanccc	nanncacngg	ngncntctgc	aagngaacca	cttnaagcca	600
angtnaagca	gntgcagctt	gatagcctgc	taccactgag	agggactcag	aagagtgtac	660
tncattgcaa	tacttaaaaa	gcgccatctt	gctgtggaag	cctacagaaa	actgnggatg	720
aacacaagaa	aacgatggaa	ttactgcaga	gtgatatgaa	tcagcacttc	ntgaaggaga	780
ctcctgggaa	gcaaccagan	cattccggca	ccttcagnca	catcagnact	tggaataaaa	840
acccacagng	agaattggaa	aacagatggg	gnganagaac	tggccctctg	gaaaagacag	900
cttnggacaa	ggtcaccaac	ngaccagatc	cnggnaaaaa	atccaaggca	taaaggaaag	960
aagannggtc	caaattctcag	gggatccaac	c			991

<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1188)

<223> n = A,T,C or G

<400> 4337

ccttaaaaaa	ttggggccct	ttggggccct	tacttcnggg	tagaatnctt	ttttnttggg	60
ccaggggaaa	tccccccant	tccgcnaana	aancgggaaa	atttgtgccg	ggggccaacc	120
ggaagggaaa	cnttcttggg	ggncacccca	aaggccccc	agggnaaggt	ttccaaattt	180
ngggntntcc	ctttttttnc	naaagggecn	aagggttccn	at tttttccc	aatttaattc	240
ccaaaggccc	ngntnnatnn	tgnetangtn	cgnnnnnncn	atntntnnan	ngngggcggn	300
anattnnntc	ntntntntnn	tgctnntcnn	nnntnnnnnt	nttaanncnt	tattnatntn	360
ntatncagcc	ncnnntanan	nnantnctnn	naatntntnt	tntnttactc	nnncnattnn	420

ntngtngtcn	nctncnttta	nntcatcata	cnnatatcat	ntaaanaang	cntnnactnc	480
ntatnatecn	ttngcatctt	cantgttttn	ttctcanct	ncttgcntcn	nntntacant	540
accantnntt	aagctctttt	tacnatgnaa	tactcannaa	gagntngagg	ttggctgnan	600
tttanctttt	taaantcntt	gtccnntggg	ctcntgaact	ttttnnannt	tggtggccct	660
tttactttta	ctntnnatna	natgggantn	cgntnnaatc	ttntttcata	naatttttgt	720
acnnntaanc	gttgatntta	gnanaaacta	cnaggnacct	nnntttcant	aggnttttat	780
tcctnttttn	aacctttntt	ttgatattnt	cttaactatn	ngcanancnt	tacntnancn	840
tntcnntttg	nttaaaatgn	gnatnggnnn	acnncnatan	gaccctnnag	ctccnncatt	900
ttccttnaan	anagcncant	tcnantatct	tatttnaatc	aatnntatca	ntcgngcttg	960
ctcttttnan	cnnancatan	gatntncang	gtatntntan	gccnanntnc	naactantnt	1020
gcactcnact	atcncancgn	taataagacn	tatanaangn	tcntnnnatn	naaccttttg	1080
nctnacantn	atnttgtaga	tannttcctc	ncnnanannn	nagnntnann	ttatnatntt	1140
ncatatcann	cnatanactn	taataagtac	tntataaant	tncgnncg		1188

<210> 4338

<211> 941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(941)

<223> n = A,T,C or G

<400> 4338

gggggttttna	ataccttgct	ncttnttntt	tatgcangat	ncnntcgatt	cgnatnnenc	60
gcgaagntgg	cnnatgcnga	canggccngt	tctgnatgan	naatgnncat	ctatntccct	120
cccaaanggg	cgncgccangg	atatgtcttg	ggatccnatt	ncacccatga	cgcctactnc	180
ntgctncttc	ctctnntgct	cnggtnttgt	ncacaaatnn	nnnggnanca	tcnngncng	240
tccattggag	atgtcgngna	taaactgcnn	tagatgtntn	ctaacactgn	tgnaaatgac	300
gagcatnctt	atgagacgaa	ggcntccnaa	gcngtagntg	cccangatnc	gaggtangct	360
atgtgggtctc	ttatctaata	tagaaatgaa	aacgccctgt	ntnncagcga	aanntanggn	420
acgnntgnac	actngcttna	acnnaanctt	anatacaaca	ggggaagggg	aattgggggg	480
gaaaccattg	acaggnctta	tcnatatagg	nttaaatnag	aggaccacc	gnttgtaatn	540
aacatgnnga	ttnatTTTggg	ggaatacgga	tncaanaggt	nccaggttnc	acttggtttt	600
tttttaacct	tatggccnan	tannccgttc	aatttggttg	ttggggganc	cccttttnca	660
ttttgggaan	attnggagcc	cnctaattgn	cgngggaanca	ntttgtnggn	tnccccaat	720
cnaatgggg	acccctntna	naaaacctcn	gggggggtgga	nccccntcct	taaaaccaan	780
nacgcttttn	ttgggtttnc	caanaaangc	nnaccccccg	gaaaacttnc	ccttttnngng	840
nnaatttctn	caaccccccg	ggngggaatt	ttccctngng	aaattggcaa	ttccngttt	900
naaggggtgcc	caaaaattcc	ngnttttttg	ccncaatac	c		941

<210> 4339

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4339

gngnggggnnn	nnnnncnatnt	atacatacag	gctacttggt	ctttttgcag	gatcccatcg	60
attcgaattc	ggcacgaggg	tcctggcatg	aagaagatca	agttagacac	tccagaggaa	120
attgcacggg	ggagggaaga	aagaaggaaa	aactatccaa	ctctggccaa	tattgaaagg	180

aagaagaagt	taaaacttga	aaaggagaag	agaggagcag	tattgacaac	aacacaatat	240
ggcaagatga	aggggatgtc	cagacattca	caaatggcaa	agatcagaag	tcctggcaag	300
aatcacaaat	ggaaaaacga	caattctaga	cagagagcag	tcactggatc	aggcagtcac	360
ttgtgtgatt	tgaagctaga	aggtccaccg	gaggcaaagt	cagatcctct	tggtgttttg	420
ataaacagtg	attctgagtc	tgataaggag	gagaaaccac	acattctgtg	atacccaagg	480
aagtgcaccc	agccctatgc	tcactaatga	gtagctatgg	cagtctttca	gggtcagaga	540
gtgagcccag	aagaaacttc	catcaagact	tgaacagacg	ttttggcaga	aaaccagggt	600
cttgatagca	gtgctcctaa	gagtccaagt	caagatgtta	aagccaactg	ttagaaattt	660
ttcagaacca	agagtgcaga	ccgaaagaaa	agcttttgaa	aaaccaaccc	ttaagaggaa	720
aaaaagattt	tcccactntc					740

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4340

angttggaaa	ncengncntt	tcaaatanct	aggctactcg	ttctttttgc	aggtatccca	60
tcgattcgaa	tncggcacga	ggnccnttgg	ngtnggnnat	tntncannaa	tnntnnacgg	120
acannncttc	gcnattatgg	tgntcttggg	tgntngggnt	tgttgggttaa	ccctacatca	180
taangcattn	aatgnattan	atnttgtnat	tgntgncaaa	anggaatagg	gtcnacaant	240
nctgtgngna	tnnaacctgn	ntcanatngc	ntttggnaat	nttctntacn	cnnntttnaa	300
ttccactgta	aatnntgacn	gattantncc	nantggnttn	tcnttggaga	aaatnnattt	360
tncaactcnc	gtctncacnt	tntatnaagc	gtattttatg	ctggcnggnc	cnccatanat	420
ctacnccctt	ttgatgcctn	tggnnanaaa	taatgttaan	tagtgcgcaa	antngntatt	480
gtnttgngga	caancntaaa	tgngccatta	nnggcntacn	atgcnnnttat	gccacannac	540
cannngcna	nngnttttga	ttanggggnan	gcattccnta	aacaaccnng	cncnatgaac	600
tngaactngn	ttgggaattn	antnngggaa	tnaanttgge	gntnatgggt	gngggngccg	660
cctttacccc	gnccacanaa	attccttgng	caatttnnnn	ctttaaagg	nccananggc	720
nttaatgggn	ttnggnaact	tntaancctt	ttttttgttt	gctntttang	gngtgggcna	780
gatggcacia	ncnncnngaa	ntntnggtgc	ntnaacctct	gnttnaannc	taantagggg	840
antgccaaat	ggnttttnnc	tttngcncn	aatantnttt	ttcttgggng		890

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 4341

ntgnnnnnnt	tnnccccctt	cnaatcnctt	ggctactngt	tcttttttgc	ggatcccatc	60
gattcggggag	aactgtcac	tccttttccc	ccccataca	aactcaaagt	cccctggggc	120
ccaattcaga	gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	180
tgaatccatg	gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctggttgct	240
tgaactgaca	gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gcctcaccac	300
agcttgctta	gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	360
caatgttaaa	tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	420

ttgtttctata	gcctgtgaaa	tggttagttg	atcatttttc	cacaaagaat	taggtgttaa	480
gagttttcct	tcaggcttta	cttaggagaa	tggaactaagc	tgaaagggtgt	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttcctttctaa	ttggttttctt	aagccatctg	600
tcanggaaat	ggtaactttt	ggnttttaatt	tttnggctta	attcccaagg	ggggtaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattatct	tcctggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattntt	ttaaangggg	gtcttgcttc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccctttc	taatncttgg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tccacggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgaagtct	tgagtgttgg	aattgttaagg	gatcagaagc	agggatcaga	agcagtgggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcctctcc	ttggccactc	taagtcagat	agtcacagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttgggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tggtgggagt	aggttgtngg	cttggacaaa	540
atcaatccgn	gtgggaaaaat	tgtaggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatcccntca	aaanaaaann	antctngncc	aaanttaagg	gtntnnnaat	naaaaaaact	660
ttngnnccct	taaaacttnt	cgngngccnt	nttaacgtta	aatcccgnc	tnngntacgaa	720
tcntttgggt	gaatttttngc	caaaccct	tt			752

<210> 4343

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1069)

<223> n = A,T,C or G

<400> 4343

gcncannac	angannnnnn	nnnnaaaaa	caaccnnaaa	nnannngnac	cnannannna	60
nnnganngn	gnancagnag	gnnangngtn	anccgcnngg	aaaccctgcg	accacganc	120
ggnggaaccg	gcnnaggccg	gacaccnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnngaaacc	nnccaccan	canagagaga	nnggaagtga	240
cagcacannt	gganaagncn	aagaccana	ngacgcagaa	aacaanggga	cangaggcga	300
angcanangn	ggaaaaanan	agcggaagaa	caganacgga	gacaagncac	caccgnnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncnagag	angcaaaaga	gagaaangaa	gccagggaag	ganacnngnc	480
atncnnnccn	ncnnacgaan	ggaaacgagn	aanncagcan	ggcnggacac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnnncca	angngccann	aannngncna	660
aaaagcgccc	nccaagaggg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaga	720
ccaaancagn	nnccaangaa	ngcagaanng	gagcnaagcc	cnngaannng	anaaaaaang	780

ggcncgggnc	ncacnacgaa	gccccanaa	gggggaaana	acgnagaggg	gnaacagagc	840
ccnannnnnn	gcgngngana	ngacacagga	nnacaaangn	gaaaagggan	ccacancann	900
gnaaaccggg	gcaaggggaa	acncccaann	gcaaagaaga	aagaacagag	cacgcaaagc	960
agaaangnaa	caganaacaa	gggaacnaaa	gagcgngaca	cagnancnaa	nggcaacnan	1020
nngnaggcna	cccacgncan	ngnnangecn	nnagnacann	cgcnanncg		1069

<210> 4344

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 4344

ttgatccata	tanatacnnc	tanttntgca	ggatccctcg	attcgaattc	ggcacgagnc	60
ncatnccnac	cactactgat	gantatnntn	caaagagnga	tacnctntgn	ctnatggmnt	120
naacnctcnt	tatccaantg	ggnaaggaac	ttggcncggg	angacgcaga	tgtgtncacc	180
tcattntcaa	ggaaanctgt	gaancccttg	cctccttttn	cttgccctng	antgtntgtg	240
acnacancgg	acnctnnnnn	catncnanc	ntgtagnnga	acggnantgg	aanatcngtg	300
cactcgtnta	tnnnacngng	agggaccatn	naccnaagnc	ancttagcaa	antggcttng	360
atgctgtggc	tgannancna	ctgcnggtgc	attcggacac	atttgcccat	nacnctgang	420
cncatttctg	nggggtcaag	ntcatnctga	tcttntngng			459

<210> 4345

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4345

tttnnaacctt	tgcatttgan	ccctttgcag	gateccctcga	ttccaagnng	ncacnaggtn	60
ngctgnacnc	ttggctaagg	nnactgattc	tgngcncctt	acccatgttc	atggngangnc	120
cgngcctnct	ctggccatnt	gccncaacga	ntattcntnn	cccnnaattg	ctnatntctt	180
gggatantag	nnatanntgan	ngatttngca	agacnagaan	gtntctacnn	ntctgnccan	240
nacgtncgct	acttntnagg	ccttaacaaa	tcttggnat	gcatgggnata	tatatcttcc	300
taangnaccn	catgncagg	tccatnccat	tcattgaaatg	ccaangatan	accagctnct	360
ggtnccnnaag	nagtntnag	ncancntanc	aaaganccnn	gggcccntgg	ngnttgacan	420
cattcatcgt	ggaggaacaa	tgannnagt	ctnactttcn	cnanncnann	ttctgattna	480
aggnttgtga	aagagtatta	catnancgtg	nanntcangg	ntgatntanc	ncanaaatgg	540
canttttnnc	ttgcatcnag	ggtctnggcc	cctttntnca	taaaaanngg	atctgaatag	600
gctttnttan	ttaccnncnn	cacaccnnat	gnantaanct	aaccctttgc	naangttagn	660
nncttttacc	acanaggtcn	ttacncaaaa	ntannnggtn	anaaccccng	ccanttttct	720
agattantnc	ccaacttang	ccctgncatn	cacttgatac	anggccccct	tattanaatg	780
aact						784

<210> 4346

<211> 887

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4346
 caaancccttt gcccccttttc aaatcncttg gctactcggt ctttttgcag gatcccatcg 60
 attcgntgct ggcactcagg cncnntgnat ggnaantgac ataatgtan cnanangcnc 120
 tctgntgtat gagttgtgct tggtttggnnc nagnaggaaa ctgngnnntn tataactacn 180
 ccnangccnt ttggacaaca gctgggatcc aaccnttgct nntngnnnna ntgttctttt 240
 cagnnccctn tgggntagac canaacantt ccttgtnaan ccnaacnngn caaaacntng 300
 nancagggt ncgtnnccca angtnnttnn ttanngnccc cnnngnngna aacnntttca 360
 accccttgnc tttggnanaa nncttngggc cntnaaaatn nnttnnatan naccttnnt 420
 ggggattcnt ttaatttcta ntnaaangtt ggtggtccna ttttaacctn naaaatgnnt 480
 ngcaatgnnn acttataacc cttanatcgn ttgncttaat tgaaancntt aacngtctaa 540
 acnccttnag ctaaanctcc caatatcggn ggtaaccng gngnatgnnt nggggccaat 600
 ggnnttttca annnnnctnn aagatcctcn gnatinnnag aaggatatnt nccnncntgg 660
 gantanttct ctgnnntatt cnnncgaaaa aganaccttt gncctcttnn nattgnaata 720
 ttngcctngt nttaaaancg nngncccant tttgggggaa tatnnnttt ctnnganana 780
 aaaatggggc ccnctgggn tactttatat cnttntnnng aaaannccgn cnaanatcct 840
 ncatatggtt ggntcntttc atgacngcgg ggnttanttn ntncceg 887

<210> 4347
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 4347
 tattcnatct gctacttggt ctttttgcag gatcccatcg attcgagann aggangaang 60
 acnctntgcn tggnacaggg ctntgncct antctgaata tgatcatcen ncacggngan 120
 cnnagcctt tnnntctccc catntttggn aattactttc ttgangatgc tgcctttnaa 180
 angcttcncg tacattatcc atntttaaaa aaatctntgg actggatcta ctgaagcgcc 240
 nttgctntat taanntnagg gctcnagca cctaaanntc tngaccatnn naagacattn 300
 ntncattma ctntcttgta taactaaata ctctntannn attcnnttn caatacngtg 360
 ganggnaatg anaagcatnc taaantggg tnaatntant tcnntnanna tgtngacna 420
 aagaagaaaa tngcttgtn tccaggtcat nggcttggtc tgg 463

<210> 4348
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4348
 tttcnaatgc ttggctactn gttctttctg caggatccca tcgattcgaa ttcggcacga 60
 gccngtnnt netaatnntn natgntnac ctgggnntgg tgggtggngn cntgcagnnc 120
 canctactca gggngctgng gcatnanant ngcnngaacc caannggtgg nagttgctgn 180

natecgaggt	tgcacactng	nactccancc	tgnccacana	tcgagactng	tcttataaaa	240
antaannnga	nnatgnnaga	cctatcagta	gggtgancac	ntgtccttnn	gctntgcngn	300
tcnacnttna	tgcgatnga	tccantgang	ttnaaccccn	ttccactnnn	tngnnaantc	360
ntnnnttaca	tntctgtntc	cccaaaacat	ntcacgtaac	anttattcct	aggtgcagnc	420
tcnctatcnn	taggntcttg	gtnggccaaa	ttcctgggat	cangtgaagg	tgggctgtnt	480
cagtaanaaa	tgaatggact	gnanagngcc	cattttacaa	ggaccatnct	tntctgggggc	540
aagccaataa	attatttncc	ctntttgggg	gaaaanaatt	ttcgganccn	taaattanat	600
ttcnggaaac	cnncccnaaa	gncttnatth	tcccnnnaca	aannttngng	ganncatttt	660
tanggggnna	nnanaggngn	naagggtttc	ngttggnttn	gccntaant	tcccaaggnc	720
ntngaaaccc	ttatggggnn	accncattcn	ggataatttg	nnaan		765

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

gtctcttttg	aaancccttt	gctacttgct	ctttctgnag	gnaggcatcc	catcgattcg	60
ccnacgcncn	gnngncaggc	gggttgctna	tgngncnctc	ttccgcttnc	ttgntnaatn	120
actntctggn	ctngctcgnt	cngetgctgn	nancggaann	anctcnntct	aaggcgggtga	180
tncnnatadc	cacagantna	ggggataacn	cnagacngaa	cntgtgatcg	aaaggccaac	240
agatngccta	naaccgtaaa	nanganant	agcngnccta	tatccatang	ctngctgcnc	300
ntgactagca	tatcatanat	gtcactgtca	tgtnctntcn	tngaaaagnc	cgtnaggmnt	360
nttatgatac	nnggcnnntt	cacttggnnn	ccanntcaag	cncncngctg	ttacaatgct	420
gnngctgaat	gnatacccg	ccnacntgnt	nnattaggna	acntgggatc	ncttctatnc	480
actgtnacnc	tcatgggggt	ttgggnaaat	gcccangnnn	nngnccgna	ttccncccg	540
aagntttgng	gnatgttggt	gnngaccgna	aacccttggt	ncgttaccaa	ttggggggga	600
aanaaccttg	ttgggccttt	taaaccnccg	ggtaaaaacc	ttnatagcga	aatttttagga	660
gtttgnccan	atncccccg	ggntnaaggc	cnnacccaat	tgtttaaatt	ccccccaacn	720
ttgncctttg	nnnnnaanggn	ccttggtnaa	accgggggga	aattccccct	ngaacancgn	780
antaggggtng	ggcanggcnt	tttanaggga	ntccccctnga	aaagcggtcg	gnnggtnaac	840
ntttcgggct	ttgggggttg	acangnantc	tncaaattnng	ggaaatcntg	g	891

<210> 4350

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4350

ttnctaannn	ntncttnnna	nnnnntggga	nctttnnctn	nctccannna	tncnanntgc	60
nttncggttt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggttc	tccgggcctt	tctctggctt	ccttggtctg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaagggaa	gagtcttcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cgcccgctt	ctcccccttc	360
ccagggatgc	tctttgtaaa	tatcggtatg	gtgtgggagt	gaggggtacc	tcccttcccc	420

```

aagggtccag aggccctaag cnggatgggc tcgctgaacc tcgaggaact ccaggacgag      480
gaggacatgg gacttgcggtg gacagtcagg gttcacttgg gctctcteta nctccccaat      540
tctgctgccc tcctccttcc nanctgcaact ttanccctag aangtggnng acctnanggg      600
gaanggacaa gggcaaggng ggccccatga aaaaaaagcc cctcnnttgn ccnacacttg      660
ncttgannnn ctngcttctt nctggtggcc ccanangntn ggnnttnncc aaccccacct      720
gggatttctt tgcccnttgg gggnnngnact tggccccctt cctnggnttt tttgccnnca      780
cnnnggcctt cnttgggaac ctttgtcacc ct                                     812

```

<210> 4351

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4351

```

ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn      60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn      120
tccgganatt tcggggccac cggaggggaa tttngtggnna ccatgggggc gggttacaat      180
nananagggg taantnacca ttgggatggt taaaatnana aaggggccat caccattggg      240
acngttacat aaaagngnat cgctgnggca agccaccaa caattcccat nanggaaatt      300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan      360
caccctggnc cttnttggat naatganggc tggcggnnng ntggagnaaa anngaccan      420
nttaaantng gnnaccnnna tgaaagggtt ggcncnngaa tgaacccccg taccctnaag      480
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaactaa      540
tggcggaccn ttggccaacc taanntttta acngnncatn ggaccnaanc atnnaaancc      600
nggaacagnc ggaaaaanag gncgtganac tnnngataatg ncatcnggaa cnnctgaccc      660
tgnnnttccc tatgangggc aaaaaaaagg cctccnaagg gtnggaccn ttnnattnnc      720
cccnttncga nccaacgnt tcattncccc tcncaggggg nntcaaanan ggcctncnc      780
ncntgnaaaa cgacngtccc ctggggcctt ttccaataan atnnncnccc ttnntnacc      840
ccnnnttaaa aanccgnggg ngaanaaaag tcccctnaaa aaatattccc ccnnnnncn      900
tgncnaccac ctnaatnctc aatnaaaanc cntttcnc                                     938

```

<210> 4352

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4352

```

ntttctaaaa tggccctggg nccccctttt ccnaaaatcc cctttggggc tnccttttncn      60
aaaaatcgcc tttgggcnaa ctccgnatnc ttatntggac angggaatcc catccgantn      120
tccgganatt tcggggccac cggaggggaa tttngtggnna ccatgggggc gggttacaat      180
nananagggg taantnacca ttgggatggt taaaatnana aaggggccat caccattggg      240
acngttacat aaaagngnat cgctgnggca agccaccaa caattcccat nanggaaatt      300
ttnnagaact tttannggaa tntggcncaa attnttcaag ggcccnttta nttctcagan      360
caccctggnc cttnttggat naatganggc tggcggnnng ntggagnaaa anngaccan      420
nttaaantng gnnaccnnna tgaaagggtt ggcncnngaa tgaacccccg taccctnaag      480
gccgttantic cnaantngan acntaaaact nnacnaaaac cattgtctgg gnccaactaa      540

```

tggeggaccn	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaancc	600
nggaacagnc	ggaaaaaanag	gncgtganac	tnngataatg	ncatcnggaa	cnnetgaccc	660
tgnnnttccc	tatgangggc	aaaaaaaaagg	cctccnaagg	gtnggacccn	tttnattnnc	720
cccnttncca	nccaacgcnt	tcattncccc	tcncaggggg	nntcaaan	ggccntcncc	780
nentgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnncccc	tttnntnacc	840
ccnnntaaa	aanccgnggg	ngaanaaaag	tccccnnaa	aaatatccc	ccnnnnncn	900
tgncnacca	ctnaatnctc	aaatnaaanc	cntttcnc			938

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(599)

<223> n = A,T,C or G

<400> 4353

gnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	nannnnnnnn	nnnnnnnnnn	nnnnngngnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nggggaccat	cnngngcggg	aanccgaagn	ggaaggngan	tnccggggnnc	cggaagaaa	180
ncanggggtgt	tggggggggg	gggccgtatc	annngaccan	ggggngaagc	acttnggnan	240
agggagcaaa	gacacantat	gtaaacnag	gaggaggaga	agaangcaaa	nnngcatgng	300
aatnnagnt	tgaagaancg	ctttttttgc	tnntcagcaa	tggtatnnat	gaacaacaaa	360
aatatagaaa	aagngagaaa	aaggcaanna	tnaantatnn	nctgaggaac	aacaacaaa	420
acaaaaaaat	gggggggggat	tgatttantn	tccccctgaca	agaaaaagaa	tnnggatcttt	480
agggngcta	gcaacctggc	agactcactg	agggngaang	gaatgngctg	aaaaaattcn	540
agcctgacnt	ggcaagctcc	caangggaca	ccaccncaat	ggagaagaaa	gcaggaaaag	599

<210> 4354

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4354

ttntaannnn	ntnctttnna	nnnnntggga	ncttttnnctn	nctccannna	tncnanntgc	60
nttncgggttt	gggagtcagg	cctggggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggctt	ccttggcttg	cctgggtggg	gaaggggagg	180
aggggaagaa	ggaaaaggga	gagtcttcca	agggcagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaa	ctgtcagagc	cgccgcctt	ctccccctc	360
ccagggatgc	tctttgtaaa	tatcggtagg	gtgtgggagt	gaggggtacc	tccttcccc	420
aaggttccag	aggccctaag	cnggatgggc	tcgtgaacc	tcgaggaact	ccaggacgag	480
gaggacatgg	gacttgctg	gacagtcagg	gttcacttgg	gctctctcta	nctccccaat	540
tctgctgcc	tcctccttcc	nanctgcact	ttanccctag	aangtggng	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacacttg	660
ncttgannnn	ctngcttctt	nctgggtggc	ccanangntn	ggntttnncc	aacccccact	720
gggattnnct	tgcccnttgg	gggnngnact	tgcccccttt	cctnggnttt	tttgcennca	780
cnngggcctt	cnttgggaac	ctttgtcacc	ct			812

<210> 4355
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (819)
 <223> n = A,T,C or G

<400> 4355

gcttnaatgc	ttntctaatg	cttggtctatg	cggatccctc	gantcgaatt	cggcacgagg	60
acctatcttg	atctggatag	taaagtgagg	acttttaaaaa	agtttnttaa	attactggga	120
gaaatcatgg	agcacagatt	caagactttt	cancatttaa	aaaggtgggt	ngnctttncn	180
angcaanttn	tncttngcca	ncttactatt	tcancggncc	tatgnngaaa	aaatcaantt	240
ttgccccatg	antnanttan	gnncggttacn	ccntcncnng	gagctcnagg	acctgcctgt	300
nangaccagg	gctgggcctt	gccaaaccan	ggcaatgttg	gggccngagg	ctgctgtgtc	360
tgnccaagct	nctntcagag	tccaattccc	cangcctaca	gcgctgtcag	cttgcaccct	420
ggcattctca	cagagctggc	ttgnccaccc	cantgggggg	ctatannctc	agagaccact	480
tcacctcct	ggaatcnacc	tctttttctaa	taccntctt	tggaaaaaag	agcttgnccc	540
ntnctnnang	caacactnng	aaagcttntgg	gccntgggtgn	tgtataaatg	gtcttnccat	600
tnccgttgaa	acnncantgc	ccntgggtgn	tgtnctcgtn	cagntgtcgn	tgaggnaacc	660
ttnggnattg	cancntttan	ggcccccaagn	ntccaaangn	atntncantg	naancctncc	720
ctatacccn	canccccnan	ttnanntaaa	attnnccnna	aaaaccctt	naaatatana	780
aaaacncana	aacttttgng	ncctttanaa	cttttngcg			819

<210> 4356
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (913)
 <223> n = A,T,C or G

<400> 4356

cccngcgnnn	nncnnacng	ncngnccgcn	gnancgnncn	nngcgcggnn	gcngncnnnn	60
nccnnnnnnn	nngnnnnagt	gcancnatna	gctccccgcg	gacncagnnc	cagaccennng	120
nggncgaggg	cgcngcnag	gnacnnnttg	nntttcggtg	tgncncnca	gccgagngcc	180
ggggcanggc	ggnnagcncc	ggncagngg	ntgtgngcnc	angngngngc	nngcggnccg	240
gggcgccttg	gtcngcgcg	gnctaccnc	ggnnggagg	agattncng	ngngcggnccg	300
aggcacantg	gggcggagn	agnanggtgc	gcgncaggg	gnaanacngg	ctngtnccgn	360
gngggcnggc	cntctgngcc	aaggagnccc	nccncccgag	nggggcggna	tcnnggccc	420
agccgnttac	nagccnnaat	cnacnnnggn	cccagaggcc	cccgttcccc	nacntnggcc	480
cgaccggngg	ggncccccgn	ggggggaatt	tcnnngaggc	naanancggt	nnggnaaccc	540
gnncgccccg	tcaagagaa	cggcncnnac	nnccaacagg	gccnaagngg	ggcctagtna	600
aacaaanccc	cacgcccacc	cggcggnang	ggcncggnnn	ggnggttacc	ntatccngnc	660
cgnaagcccc	gaancggaan	ggggccnttg	ncaaaaagcn	angggttnnn	nccccntntg	720
gccnnnangg	gccnccgng	aaactnnggg	ggggggnggn	gnccccaagt	atncggggna	780
agccctgnag	gggggggann	gtaacccttn	nnnccctnta	angaaacggg	gggggncnnn	840
ccccccccca	aggggggggg	nggntttnaag	ggcganccca	ncnacnctnt	gtcnggggaa	900
nnacccccgc	cgg					913

<210> 4357
 <211> 745

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 4357

tttctaaatg	cttggcnact	cgntctttct	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggataggcca	cattccagta	agaactcaat	ttgtctccca	aatttgcaga	aacaaaacgt	120
gattttaaag	ctgagctttt	tatcagaagc	ttttttgatg	ttttaagtgt	tatgtgactt	180
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	240
aactaattct	gattgtgtcg	tgcccaagtn	cccttttttt	ttaatgaata	nggaccaatg	300
ccacattgct	ttttatatatt	ctttcttttt	taatgtngcc	aaaaccaaaa	gtagctttgn	360
tttcctttgt	atthttgctac	tttgacgtat	ttgtgtgtgn	ggttnttttt	ccttaatttg	420
aaagggacag	cactgtgtat	gtttataaac	ttaatgaaga	tnagatatta	ttttgntaaa	480
cattcatctg	agaacaatca	angcagtagc	ccatggngct	ggctnctttg	cagcannaaa	540
ccntgnacat	tttgatgact	gtacaacang	gaagaacttt	gaaaaaatca	cgggtgggatt	600
catattaccc	accggnntnt	catttcatgg	gannctttct	tgatcaaaaa	aaagctnacn	660
tccgtaant	nntnatattat	cctttctgtt	ntcntaanaa	aatatngggg	tgtttttggt	720
ncccaanaa	ggnaattttt	gcnnnt				745

<210> 4358
 <211> 893
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(893)
 <223> n = A,T,C or G

<400> 4358

nnnnaanaan	anngnncana	nncannanng	nnncnnncnn	nncannnnncnn	nnngntnann	60
nacgnaaanac	annnnannag	nantccnnnn	nnnccgcncg	cgnnnnnnnnnn	ncagnnnngcn	120
gnagncaacnc	tctttnaaat	cncttggcng	agntccatgc	angnatacca	cgcagcggna	180
ggacaccngg	cgntggggnt	cnngtagtnn	ggncacaggn	ngggncntat	ggcaganaag	240
nacncagcan	cnaccagag	cgtaatgggn	ggccganacn	ggntggggng	cacgatnact	300
gtnccaanaa	agacggagaa	ctggcagcaa	ctgcangngg	cggtggntnn	cnnacnacnac	360
nnattgcnag	tcatagcggc	tatgtgcana	ttgactggaa	gagagttaga	aaagangnan	420
ataaagcnaa	aagacagant	aagaaacgag	cgaacaaagc	ancaccngna	ancaaacacnn	480
taattganga	agcaacagaa	tngatcaagc	agaacatngn	ganatccagn	gggatntgng	540
gggaggctnn	nagctcggac	ntgcatctna	aggacaatga	atattcnccc	anaaacggat	600
ncaaactatg	aanaacagaa	gtgggcagcc	antaaggcag	nntctcaaaa	gncataactcg	660
ccaggantct	ctanggcaag	gagaaacaac	cnngntggac	aattantcaa	ttccaaactn	720
tanccattat	gccaanctgg	aagcttggca	aaactagnna	tcngctngan	aaaccaacct	780
atatggggca	tgcggaaccc	ngangnantn	ccccngcaa	aaacgnnngc	tancaancga	840
ntnagcanaa	aanatggcnn	ncngtnnaag	naaacctngc	cctaanaaaa	ccn	893

<210> 4359
 <211> 1837
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1837)
 <223> n = A,T,C or G

<400> 4359

cggttttggg	gnttttttcc	nngnntgggg	ggnaaaaaacc	cccccttttt	ttttnnngggg	60
gggacanaaa	gngancntnc	nctcgnnngcn	cgngcngnnn	gcgngntgcc	tnanncgtag	120
gcncgnntgt	gtggngntg	gncgtantgt	ncgctncggn	gcngcacaga	tgngcgngng	180
ggggnnngtnn	ngnngagnca	gtanngncng	cnagcnnnag	tgntnttttt	tnngcnangnc	240
ggncnanggn	gagagntgnc	nnnngngggg	gggnatggna	gcaggngngn	ngcggggggg	300
ngnngngnn	ncgngngcgn	naggaggngg	gnggggctgg	nncgggcgng	gnnncgcgcn	360
cngtngggcc	nnnngtnncg	gngtgggggc	nnaggtggnc	gggggcaggg	gngttactgn	420
tttggcgga	ggngngncca	nnngcangna	ncngagtng	aganngggag	gcggnaaggn	480
ngtggnancn	nngtctngnn	gncgngnnt	tnagacgntn	cnnnnggang	agngtgagcg	540
ngnnggcngn	ngagnntgcn	cacgcagngn	nnnggagcga	gnggctggng	angtatganc	600
gnggggcggg	ntgnnnggca	nnataggntn	nagtnggaca	ngcncnggtc	ngaggntnn	660
gtnnatngct	cgntnnnatg	gtgnnngca	nnangtcgag	ggncgcgcgc	tnnagggaagt	720
gtgggggtgt	cnetntntgt	nggggttangg	nnagannctn	nntnagagct	cgngggnnnng	780
ccnnnnagag	tcgcnncncg	aggtggnnncn	gacnggccac	gangtncacg	ngngtntggt	840
gnaagcatgt	nggncgtnac	gcacgtacg	cgntnngnng	ttgncggnac	gcncntnggg	900
gctcgancnt	nanngcgang	gannggggga	agggcngcgg	nccacggnt	ncnngactgg	960
ngtgngngag	gtctngtgcg	gtggggntag	tgngacntgc	agncntnct	cagganagng	1020
gngggactgg	tagctnacag	ctnnngntatt	nggacggcgn	gcgannggtg	nnantgtgtg	1080
ncgngngnan	ggnggncgan	anantcntcg	cgntcntga	gacggagctn	gngagcggng	1140
gannggngng	agngnngaga	nntcgtgagc	naggagaggg	agcaggcgnt	gnnagcngng	1200
agnggggtgtg	cnnnangtac	agtgtgnagg	ncagagnncg	cgantnngga	gtncgcncng	1260
tntcggnngc	tntgacgtgt	ntntcggtnt	nggggggtngc	gtcngtgnnn	ncngngtntn	1320
nnnagggcgn	gnacgtgnnt	ntgtggggng	catagtatng	gcgctnnanc	nctgtcgng	1380
cgagaggtna	gtgngtntgc	nncgcagngt	ggngnagtga	nggcgggtgt	ngtgannngg	1440
ggtgtnnccg	tnagnggcgn	gggacgtgnt	gnganntgcg	ngnnnaagca	cggagcngng	1500
gnntcgcgcg	gcgagacngg	agattnnngn	gngagggcnc	gngcncncgg	aggtangcgg	1560
tcntngagga	gcnnngngta	tggtngcgca	ngcgtnttg	ngcgtntngt	gactgggagt	1620
ncgctntngc	gntagagtac	ananggaatg	tnatctntcn	ggnacgggat	gganacnggt	1680
ggnganagct	gcngnctcga	gggacanatg	gcgcgcggtc	ggagnagtg	ngngnagcgc	1740
ggacnggggt	ctgagacgcg	nnngtggggg	nnttnganan	gtannngent	gngngngggag	1800
nnngnntgat	gcngggagcg	gngtatatna	tgngnt			1837

<210> 4360

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4360

gtnacncccn	gcntttctaa	tgcttgccga	tcgnactntn	tgaggtatc	ccatcgatnn	60
gaatacngca	cgaggcgagt	caaantgtnt	ntgnnagcng	anctcctnnc	gggaccngng	120
ngcngngntg	ncnntgatgc	nagggtggtc	atgtnnnnca	ncaangcct	ttttgntggc	180
cncncctttg	ntgaangang	gatgtggaag	aatgagcttg	atncttgtna	nntgcenaat	240
nngatggcca	anngattgta	tagacnctcc	catatggtga	canaccaggt	ntcancttaa	300
ntgaatgtac	tcannnnncn	ngncntcnn	nnntcnagnc	nccttncttn	gnactntann	360
nntctntatn	tttatganta	ccntantgt	ggtgcnnnct	tgagggggan	acanatecta	420
tgntcatncc	cngnnancta	cttttggnc	nccagatccc	catgnttttt	tcacatgcnc	480

```

gncaacttgn atctnttaaa tacatagggg gtgnacgn gn gtataantac naactcttct 540
ngggtgntgn nganaantnt gnccangcct gatntcantc tcangtggtt agttaaaacn 600
attnnnnata cacctttttt tnaccntttt attgggggtcn aaaaaaaant tncgtcccg 660
tttggaann tngnttggn cctttttntt ngnanacaatc ccngaacctt ngntaaataa 720
ntanccctcn tttgaanata ntggannnng cnccttncc ntcgtttttg gtcgcngggga 780
anaaaaaaag gnctcntttt tcntngggat tntntttggg ggctcntngg cctttntttt 840
nn 842

```

<210> 4361

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4361

```

ggnttnnnnc nnnnnntttt nnnagagccg gnnnnnnngnn nnttnanaat agncaggcta 60
cttggtcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg 120
caaaaaaggg tactcacttt gtccagttat gctgccaaag aaatattcct ctgctgttcc 180
ttcaaaacat tactggattt atggttggtg gagagtatga agctgaagga attgccaagg 240
atggtgccaa gatggtggcc gctgtggcct gtgcccaggt gcctaagata accctcatca 300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgtat agcccaagat 360
ttctctacat ttggccaaat gctcgtatct cagtgtgtgg aggagagcag gcagccaatg 420
tgttggccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtctg 480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact 540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggtct 600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct 660
tcaggatgta actgggaata aaggatgttt ctggttgaca tgtactgaaa attaacacat 720
gtngtancct taaaatttta gactttctcg acatgaggct ggtacn 766

```

<210> 4362

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4362

```

tttgaancct ttgaaaccct tttgcatttg aaacctttgc aannccgctt tttgcnggac 60
cccacgntt cgaattcngc ncnanggcaa ctttnnggaa ttctacngt tgangactgc 120
canatgaana cctactttca actncttttt cccccctcta gaagaatnaa atcgnatctt 180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tncgtattct 240
atntancaaa actgantgnc aaaagtgcct tcngtccaca cacacaaant ctgcatgtnt 300
tggttggtgg ntctgtcccc tnaagaacaa gctacacatc atggntacan tataaattct 360
cgatctacct taangatgag gactcctnnn agaancattt gctattgatt aatacactgc 420
ttnggcnnngc nagttnanca tncntgcagn ntgtctanag accacanang ggccttttgt 480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt 540
tgttnacant naaangcata agtnggncnc tggncantac cnantatnaa aatgtctanc 600
ttnggnaagc ctcatgaaan gngggagnng tagaccgtaa tactggccca aaggngngag 660
actttaactt ctgtgcacnn cctgggncan accacctgcn nctgcctnta tgggttnacg 720

```

agctnntaga cagaagaaca gtttgc

746

<210> 4363
 <211> 900
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 4363
 tcttactttc tttttngaaa ccctttttacg caaggatccc atccgatttc gaattccggc 60
 acgagcagag nageccctttc ccagnaaagc ctggacaccc gtgtctttat ttngnnagcn 120
 cgtgctagtt gctttttaact ggccgacagg tggctggtat ttagcccttg aattataagg 180
 aaagatagga cagaataaca agcaaaaggg gtccgatggt ctcaccactc aacgctaggc 240
 gaaggtctca ccgttcggcg ataggcgata gtctcaccgc tcggcaattg tctcaccact 300
 tgggtgataag tgaangtccc ttcgtggtca ccaaaatgtg tncagaattg gtgggttctt 360
 ggtctcactg acttcaacaa tgaanccacn gacactcgna gtgagtgtta cagttcttaa 420
 aggcagcntg ttccggnagt ttngttcctt cctgattggt ccatatggtt tttcannaan 480
 ttccttcctt tctngntngg gttccctnng tcttcgcctt gggctncaag ganatggaaa 540
 ncctgcaaaa ccctttcncc ggtnaaactg ntttaccagc ctctttaaaa tttaggncnn 600
 ccatttttgg ngangtttng ntttcnntt ccttccccc attngnggcc ttcnctnngg 660
 gccttctcct tnggccentt ccanggtaat tnaaaaacct tnnnncagan ccttttcnnc 720
 acttgcnanc ttgttttnac aaaccttaat tnaaaaggcc ccttggctng aaccccccaa 780
 nnaagtggaa nccnnttnnc ccaanaaatt taatttngcn aaannaacca atanntaacc 840
 canacnttn tcaccanct gttttcnaaa ggggtanccc ctaatcnnn atttgcnct 900

<210> 4364
 <211> 1565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = A,T,C or G

<400> 4364
 ttttnggnnt annnganncg annnnnannc tcaacnnggg gggnaaaaaac nccccacgg 60
 nnagggccag ggggnaancc ccaaacnggg aaaaccggg aaaannnacg gggcnaacgg 120
 tagggggngg gngggggccc cgggncnctg gggggggggc agaancaaan ncaagcanac 180
 ngggtttttt ttttttttna naanngggnc cncnacaggg gcggnggaaa ngccacacgn 240
 gggggggggg ggggnagtnt gtggtctgaa aaaaggnccn nggggggggg ggctactnaa 300
 aagccangag cnacangann cnagnnaacn cgganacang ggnacanngc nnnanaggaa 360
 nccnncnncn gagaaggccg gnanngccnc gagnagnagc gcncnacgag nccaccngc 420
 nccaaaaan cnnncnacca nnangnngnc nnnaaanaan angaangcgc aaacanacnn 480
 acgcaacgcn anananaann aaagnnngnc ngaancgnnc nncncnaacn ncnnacacna 540
 ncgggnaaga nnganggnng nncacnaaca acnagngcan gngaganaan ncagcanna 600
 gnnnnagcng acncagnacc ncacnaaaa gncanagggg nccnacannc nanaaaanna 660
 nacgnaagnc ncanacacnc aagancnatn gaaaaacacn nccccanna ncaacaanna 720
 ggataccac aagcaganna caccanncna nngccnacnn anacgcccag nangnnacaa 780
 tagacacnac nagcgnnanc anaganaacn cncnngctna gnnccgaanaa nnannagnnc 840
 aagacggacg ngaaancgac acaangnnnt ncacacaaaa ncncaagnag actagaggan 900
 ncgancacng atacagacaa cacacagnac gcnnnggcag agacaanna agnnnnngnaa 960

gacgcganac	anngacagna	nnncgcncan	cgangananna	cgngacacna	canagnngna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgnacgaa	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacan	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nngaggncac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacgngac	cnnagacang	agagngcacg	1260
acaaanacnc	gnnncgcagn	gacncnccag	nacancgcga	acacgacgnn	gacnnagaa	1320
anagaananc	aagacanang	ncnaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntngngacan	atccgacaga	gacacganac	cncaanacng	acgcgngann	agnnannag	1440
aagnnnnccn	gcgccgacnn	nanannngna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacgnga	gncnagagac	1560
agaat						1565

<210> 4365

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 4365

tncgtgttgt	cccttgnaa	tcnnaaant	nncttgccat	cgannntng	cgacncggag	60
gcaccgactt	cangcnngn	naacncnngn	ngangacnnt	ganngttttt	gacagcnac	120
ngngancntg	ancacgtng	ggngcngna	gaaatgcacn	cncgcncnca	gnacgctnan	180
gnngntacnn	nacttgangn	anaagnnnaa	nnnaccgccn	naacagaaaa	cgnnnnggtc	240
ngacgccant	ncaggcnngn	anananactg	anganagana	nannccnggg	acgntcnnnn	300
cangaanagn	nnnnggacat	gannacnnna	gnanaggcng	nnnannnnna	canaancgng	360
nnnanacnna	tnngcannna	gcnanngcnc	acctntnaca	cnaagnnaga	nnaacccgcgc	420
gngantngac	ccanancaat	nanncnnnnn	gcttcaactc	nagngcanac	ntgnntaaga	480
cggnagcanc	ccnncnatcn	cgacaggccg	nnncagagag	gnatctctna	cgacacctag	540
cgcatacnta	nncacnanac	aggnccgagc	agaagatcnc	tnannancna	ntntnatcnc	600
ncnnanaaca	tgccgntntn	naccctnnn	gtcantntga	cacannanag	tacgataaat	660
gntccagacc	gatagagcna	nctctcncac	gntnngnngg	cnngngtaga	cnccaaagcn	720
acngnancgc	atntacgnnn	agnnngcntn	actncaannn	ngctnacncc	gtacgacagc	780
accantnnan	tgngtcgnnn	acaacngnng	nnnggnannn	tnngnaannng	annnccntat	840
gtnnnnnccgc	cntcnngaa	ntcgaaagct	ggncntngcn	nncgnnnggn	ncnancnnaa	900
nnannacnnn	gtnancngng	ncgaannnat	annagnattn	ancnttcncg	nctanctnca	960
cgntnngntg	cnacaccagn	ggntntnccn	nngatnaanc	nantgangag	tcgcccgann	1020
nnnnccnnann	nnnagcncnn	nannccnnnn	cc			1052

<210> 4366

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (714)

<223> n = A,T,C or G

<400> 4366

gntctctatt	nnaatcgctt	ggctactcgt	tctttctgca	ggatcccatc	gattcgaatt	60
cggcacgaga	gtgtatccag	atctaagtaa	tctcagtga	ctatacattg	cctaaaaagt	120
ggttttgtaa	tgattttag	tcacatttct	attgggatat	gtagaagaaa	aggcaaaatg	180

```

cttaaagttc cttttatttt ttaaaagcag ctagatagac acagacttgc cacctcatac 240
atctgctect tggcaacatc aaggggaaac actagccaac atgcctatgg ctaaaaactt 300
tcctttgcag actaaagcac tgcttggtgc ttctgttttc tacccttcac aacatgtgtg 360
atttcaccta agagatatat acatgtacac atgccctttg ttccacactg gatacaagat 420
cactcatagc taattaggac cattgttttt tgttcacctg tcttggtgca tgaagggaca 480
ttagacccat ttccattaaa ataagttctt ggtgataaac tgtggcactg ctacttcttt 540
ttaaatccac tttatgattt caagatggac acttgtaaga tgactcgaca taaggccatt 600
gcctggaagc cccagagctt tcctctgttt gtatggcccg ttcatgtccc aggcattgca 660
acacaaactc aagatttcac cacaacatga caagcatttt cctactgata ttag 714

```

<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

```

gcctcacgct nntgtacttt ngttgctgtg ttgctgtgct gtgtgcecnct nngatntgac 60
nactacacnn nncnaaggtg ccngcctcc tncnngatng tngnaagnat acttgacata 120
tggagnngca ttngnctcng ccnangtgaa anngattgga ntatncnna tgcgggggtg 180
gaaaanacnt gnngggggna tatactgtga cngtccgcca cataaatcgg tngccatatg 240
aactatngaa ggctgggttaa ngacntannc tggctacnan atngctgatg tanatgnncn 300
anntgngnna catanactctg gntgtcaacg natatnnnaa tntcnnggna cngngaactn 360
atnctggngt gcncacagag ctctcnngat ttacttatca ctatnanata tgggggtantg 420
cggaactcta ngcanntant gcttcacntn atnttgnaaa ancatatggc atnntcantt 480
tgcttgtaaa gcacttcatt cttaactgct cctnaggann ggtnttcenc ncaanggnat 540
ntnaaaaaanc agntttgntt ccttngntgg cgnaccnant nnttgngann tcttccccag 600
ngnannanaa ggttacttna ggttccannc ctenttntaa nncnttataa tgaatnnncn 660
ctnaaaaanaa annnaanntn nctnt 685

```

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

```

tcctttttcan ttcaactnct tttgtttcttt ttgcaggatc ccatcgattc ggtgggaact 60
ggctcaggct ggattactct tgctgctgtc ttgctgtntc gtatgccact gggatctgaa 120
cactaaacat tgctaagaaa cccaccacc accaggatat ttggaagtaa cttcacatat 180
ggaaaagtta aagactcagt ctctgagaaa acaattggac tgatgcgaat gcagttttgg 240
aaaaaaactg tggaagatat atactgtgac aatccaccac atcagcctgt ggccattgaa 300
ctatgggaagg ctgttaaaaag acataatctg actaaaagat ggcttatgaa aatcgctgat 360
gaaagagaaa aaaatctgga tgacaaaagca tatcgtaata tcaaggaact ggaaaattat 420
gctgaaaaca cacagagctc tcttctttac ttaacactag aaatattggg tataaaggat 480
cttcatgcag atcatgctgc aagtcataat ggaaaagcac aaggcattgt cacttgcttg 540
agagcnacac catatcatgg ggagcnagaa gaaaagggtg tccttcccat ggatatttgt 600
atgctgcatg gtgtttcaca agangacttt ttaccggagg aaccaagntn aaaatgtgag 660

```

agatgtaatt atatgacatt gccagtc aaa gcccaacttgc cctaaagcat gctagncctt 720

<210> 4369

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 4369

ttanttnocat	cagctcttgt	tcttttttgc	ggatccctcg	attcgaattc	ggcacgaggt	60
tttnnttttt	tttttttttt	tttttttttn	ggggtacggn	agcactttta	tttttcctta	120
cacaatgacg	tgttgctggg	gcctaattgt	ctcacataac	agtagaaaac	caaaatttgt	180
tgtcatntnt	tcaaagaatc	gagaattgng	tacaaaaaaa	accttacata	aattaagaat	240
gaatacattt	acaggcgtaa	atgcaaaccg	cttccaactn	aaagcaagta	acagcccacg	300
gtgtnttggc	caaagacatn	agctaanaaa	ggaaactggg	tcctacggnt	tggactttnc	360
aaccctgaca	gacccgcaag	acaaaacaac	tggttcttgc	cagcctctaa	agaaatccca	420
gaacactcag	ccctgacacg	ttaataccct	gcacagatca	naggctgggtg	gccacagac	480
tcaccaagcc	acagacttgt	ntttcacaag	cacgttntta	ccttagccac	gaagtgccaa	540
gccacacgtt	ctaaagggtg	aactcaaaga	tatgtacagg	gtnttaaaca	aatccaaggg	600
gaacagttaa	cttcaataca	aggncaaaat	cagcacaagg	tntacaatnc	agngetgatt	660
taaatacagg	ctttaanggc	aatttntttt	tgaangnttt	ttccatttcg	ngaggntngc	720
catgangnng	gtgcattttg	ncnnggggca	aatttntntt	ttcaattaan	ccatgccaga	780
aaangctccn	catttgntgg	gtccggttn				808

<210> 4370

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (726)

<223> n = A,T,C or G

<400> 4370

ggntttttaag	atcagctact	tgttcttttt	gcaggatccc	atcgattcgc	cagtccatgg	60
gcaattggca	gatcaagcgc	cagaatggag	atgatccctt	gctgacttac	cggttcccac	120
caaagttcac	cctgaaggct	gggcangtgg	tgacgatctg	ggctgnagga	gctggggcca	180
cccacagccc	ccctaccgac	ctgggtgtgga	aggcacagaa	cacctgnngc	tgcgggaaca	240
gcctgcgtac	ggctctcatc	aactccactg	gggaagaagt	ggccatgcgc	aagctggtgc	300
gctcagtgc	tgtngntgag	gacgacgagg	atgaggatgg	agatgacctg	ctccatcacc	360
accacggctc	ccactgcagc	agctcggggg	accccgctga	gtacaacctg	cgctcgcgca	420
ccgtgctgtg	cgggacctgc	gggcagnctg	ccgacaaggc	atctgccagc	ggctcaggag	480
ccaaggtgg	gcggacccat	ctcctctggc	tcttctgcct	tcagtgtcac	ggtcacttcg	540
canctaccgc	antgtggggg	gcanatgggg	gtngcagctn	cgggacaatc	tggttacccg	600
tcctactctg	gcaactccag	cccngaaccc	aacccccana	actgcagcat	catgttaatc	660
tgggacctgn	caggcagggg	tgggggtgan	ncannanann	tnnnangnaa	atttnncttt	720
taaant						726

<210> 4371

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4371

tggggggtttt	atanncagct	cttggctttt	gcngttnnag	aganngctac	tngnnctnna	60
gncgagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	120
tgnetgcccc	ttccaggctc	acatcatttt	atttcttttt	tctttgtctg	gtgggtttttt	180
ntttttgagg	caggagaatt	gcttgaaccc	aagaggcgga	ggttgtgggtg	agccgagatt	240
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaaactt	300
gcacntgatn	aaaaanggtt	ttcatgacnn	agcatgcnc	ttnnctggcg	gacatttccn	360
gaancagacc	ctgttantcc	tttnacttac	ctgctgggatt	tttnaagcgc	taaattttata	420
acttntttga	aacaannact	ngtgtaattt	tnccatttgg	gggcaaactn	tattcntgtg	480
ancattattt	aatcttggtt	gtnaatntat	tganancccc	ttaatanttg	caatgggtca	540
aganaagctg	ccacggngtn	atnatcctct	ttanattggg	cntccantat	tantgatgca	600
ntcatgactt	ntgggtttnac	ntgtntggga	tggggccaat	aaatgnatnc	ttcaagcnnng	660
ncaaaaaaaaa	ncccnnggatt	ttgattcnna	nnggggnacnt	ggnggtttnc	tgactttttac	720
cntaaattac	cttngtntgg	ntcttcattt	aaaaaaaaaaa	cgcntnt		767

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(830)

<223> n = A,T,C or G

<400> 4372

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccntcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtctggn	120
ttcttaacac	tttaagcagc	tgntctcacc	taaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taatttaaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctcaa	gtgatcctcc	tgctttggcc	tcccaaagtg	ctgggtattac	aggtgtgagt	360
cactgcacct	ggccaagttt	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccaa	atgaaggcct	480
ttggnaactt	acctntagtt	acanccttca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccttaa	tagncaantc	ntnttaanne	cccnaatcnn	ttagnccntt	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaacccct	ngccttttaa	nggggnacctt	tnacacgaan	gggggaaann		830

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4373

gtnttttcaa	anntnaggct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggctctcg	agtttttttt	tttttttttt	tttgaggag	ataaaccaat	tttatgtcta	120
tcatgttata	caaaaatcta	gaaataatag	atttgtacag	aaaaaatga	taataaatga	180
gaacacaaaa	catataattt	aaatttggtg	ttttttcccc	catgatatta	ggatgataat	240
catttcaaag	cacatgtcta	gcttcagagt	aggatttggt	cactggccaa	agcctgccat	300
gaaactatgg	ctttcagcat	ctgtctgctc	tactggctct	tgacaaaact	cttgaggnet	360
tcaagaaaag	taatgtactc	ctgggtgctc	agggctgtgc	tgagctccac	cagctcatct	420
gcaaaagtgt	tgtccacccc	tcggctggca	aggaaatcca	ttangtggtc	atataaggcc	480
cagtccaagg	aatctgtgtt	gagtgtataa	ttagtatcct	tccattcaga	ctcgccagtg	540
gactgaaagc	taacttccct	gatagagaag	atgtcctctc	agcctcgctt	cttgtccacc	600
tcacctctcg	gataatgacc	gtccacacaa	gggccctttt	gccatcatca	ttctttataa	660
cttcaccccc	gaaatttggg	aagttgatgt	cagttcaggc	tcttgnnctt	caaccttctg	720
gccttgncga	ngg					733

<210> 4374

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4374

tcacagtttt	ttcntccccg	aancgttnga	aaattcctgc	aggatcccat	cgattcgggtg	60
gaactggctc	aggetggatt	actcttgctg	ctgtcttgct	gttctgnatg	ccactgggat	120
ctgaacacta	aacattgcta	agaaaccac	ccaccaccag	gatntttgga	agtaactgca	180
catatggaaa	agtaaaagac	tcantctctg	agaaaacaat	aggactgatg	cgaatgcagn	240
natggaaana	aactgtgnaa	gatataact	gtgacaatcc	accacatcag	cctgaggcca	300
tngcactatg	gaaggctgnt	aaaagacata	atctgactaa	aacgatggct	ttntgaaaat	360
cgtcnnatta	aanggaanaa	ananantctn	ggatgacaaa	ancatatcgt	aattatcaan	420
ggaactggaa	aanttatgct	gaaaacacac	agancntntc	tctttactta	acactagaaa	480
tatanggtat	aaaggatctt	catgcanatc	atgetgcaag	ccatattgca	aaagnacaag	540
gcnnrtgtcac	ttgcttggan	agcaacncca	tattcatgng	nagncanaat	taaaggggct	600
ncnttccctna	tggaatattc	cgtatgctcc	nattggggct	tncncaatga	angacntttt	660
tntncnggat	gnaaccanc	tatnnnaann	tggtntacaa	cannntatat	nnttttnnaac	720
ntttnncccn	nccanancn	acncttggc	cncctctaaaa	agnantgctt	ctngtccccg	779

<210> 4375

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 4375

annaaancac	acnnnccaca	ncaanaaana	canncanana	nncnannaaa	cacaanacna	60
accnncnenn	cncncnacaa	acnnncacan	ncnncanenc	ncncaannng	cgngcttcaa	120
cnnatggnaa	gccctnggcn	acacgnanna	acagcncgna	ancnacgcna	cgcnccnann	180

cngannnaan	acacccanan	nacacgagag	agnnancnaa	cacnannana	cnnacccgcn	240
ccnanaaaanc	nggnccnnga	cgangccgac	gnacacanc	acaaaacncg	acaaccccna	300
acaaaangca	aaacgcgnaa	aganccnang	acnannaaaa	agncgccang	anancaacna	360
gnacacacgg	acnaaccngn	accngcanac	ancnnnccac	aaaccncgag	agcnaccccn	420
acgcagcanc	ncnnccgcaa	annngnann	nacacnccna	gccccagann	angaacccag	480
cancnnaan	cannngcnc	nacgaacaac	aacnnaana	nnaaccccc	gacncacaca	540
accagnnnc	nacnganac	gncnaccnc	accncacngg	aacaanana	ccaggccncn	600
aanagcgna	acaacccaaa	aagnaccccc	ccnacanac	caacagnana	cacacacccn	660
cncgggacaa	ncanacncac	nnaggaaaac	cccaannngn	gncaaatan	ancccccaca	720
acacagcacc	aaaangccaa	ncnccaaaac	aaggcgnaac	nacnncagcc	gcgacgacac	780
aaacaccacn	naancnnaan	cannnnncag	ggncaaaan	ngcaaaanng	nnggcgacac	840
actanancng	ngacacccca	ananaatan	ccccanggan	cgacacanna	acagcgagcc	900
gaanccggna	aanaaacgna	aaaaccnggc	ncaccnacca	ggcacnaccn	caacaccacn	960
gcaaaaaacc	ancncccnna	tcnaaacacc	ccaagaanng	ncacacacng	nncacaaaang	1020
naccncnna	anaagggcc	anngccccan	gaacccccca	cancnnnncc	ncangaanaa	1080
naggncnna	cncanggccn	acnncaanga	cacacnacc	caagaannca	ccacagcnag	1140
anaancanca	ccccancann	gaanc				1165

<210> 4376

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4376

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttttttttt	tttttttttc	acgcttaatt	cactttat	ttcttgtata	aaaaccctat	120
gttgtagcca	cagctggagc	ctgagtccgc	tgcacggaga	ctctggtgtg	ggtcttgacg	180
agggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagagggtcg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttggc	gaagttgccc	300
agggtggcan	tgcagccccg	ggctgaggtg	tancagtc	ngataccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgc	tggtgagc	gatgaggtcg	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaaggga	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttgccag	gatgatggcc	540
ccacngatgg	cgggtggnac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttnccnat	aggnttcntg	660
cccccntgna	cangcttttna	caaaaaatct	gnnttttatt	tanaaggtgg	gnaaccccc	720
cnng						725

<210> 4377

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 4377

tttnacactt	tngcnacttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gttttttttt	tttttttttc	acgcttaatt	cactttat	ttcttgtata	aaaaccctat	120

gttgtagcca	cagctggagc	ctgagtcgc	tgcacggaga	ctctggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagaggtcg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttgcc	gaagttgccc	300
agggtggcan	tgcagccccg	ggctgaggtg	tancagtcat	ngataccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgcccc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaagggg	cagtgtgggg	nttgccgatc	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttggccag	gatgatggcc	540
ccacngatgg	cgggtggnac	ctcctgggag	ccacttaaca	cccanaccga	cttnggccaa	600
aanggcctta	aaccggtaaa	aaggccnctt	tnnttgccgt	ttttncnat	aggnttcntg	660
ccccntgna	cangctttna	caaaaaatct	gnnttttatt	tanaagggtg	gnnaaccccc	720
ccnng						725

<210> 4378

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4378

nngnnncccn	nnnnnannna	cgngcgccn	acncncgnnn	gnangcgccc	cnncgcaccc	60
ganangnacn	cnncagngg	cntncnncan	angacggngg	nnnnnncaca	nnacncncgg	120
nacgnngncn	ccgangnnnn	gccgncncng	cnncncceg	ngccccnttn	gaaacnctng	180
ggaaatccga	cacncnctc	gngancagcc	anaccennac	cgncggggga	ngcnnaaaanc	240
nncacggcan	ngngncgngn	anacnancnc	ggnnncgcnn	ggncnggaca	cgnacgncgc	300
ccncngncc	cngncggcgn	cangngaaag	ggngccgngg	ccngncgnn	cnacncncgc	360
cagnnanncc	ngnnncgcnng	cacngnnccc	ngccgcncnc	nnncgtcncc	acncncncgc	420
nnancngcn	cggncagntn	cgcagagcna	ngccgcgaa	gaaaaccgcn	ngcgngngcg	480
cccacnggcg	acnacgccag	cncnccnngc	ntagnggnca	nacnnanccg	ngcgngngng	540
ncnnncannn	gacanangcg	caccacggcg	gcnaggccna	ggacgaanng	gcgaccngc	600
gagccnanga	nnanccggna	tngccanaac	cncaacggcn	ncngnnacgc	gnnacngggg	660
cnaatncaat	cgnnggan	gacacancag	nagcgctgc	nnncgcnan	ncggnacact	720
cacacnncac	cngnggccct	caagngagcc	gccantngcg	ngnnncaaag	cangcanngg	780
accatanngg	naacaggcac	aanggcantc	gcacnanggc	nncgnggann	caccccnata	840
gcnacggggg	agcangaacc	aagggcggn	cccgtccna	nggcnaaagt	cggncaggct	900
gcacnggncg	gncncannaa	gacggnacnn	nngnnacccg	ggagggaccc	accgncncnc	960
acngggggnn	ncnanggn	ccacagggna	cngnncgcn	nncccnagn	cccncanggg	1020
nacccgnaan	ggnaaggcnt	gggggccccg				1050

<210> 4379

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4379

tntcaatnct	nggctctcgt	tcttttgcag	gatccctcga	ttcgaattcg	gcacgaggta	60
ttcagcttgg	ctggagcaga	ggcaggagt	gggaactggg	gacnggtgan	actagagggt	120
ggcngaaacc	agccatagta	gtttttgcct	catttggaca	acaaggagcc	atccaagaga	180

gagcgggtgaa	gctgatggtg	acacagccat	ggcgcattga	aataccccca	gtggctgtgt	240
tgtagggtat	attgggttgg	ggagggacaa	ggtcaggagg	catagactcg	acatcatctg	300
atgtgattca	ggacagaatg	gcgagcctga	agtgaagtgt	ctgtaggata	agttggaaag	360
gaaggaacca	atatgagata	ttaaagaagt	gaaagctata	ggtcccagtg	ccttaataaa	420
ggtaaggagt	aagagaagat	tcgagattga	ctcccagact	ctccagtcctg	ctggacatgg	480
gagatggaat	agaagttgat	ctcgggtgtg	tcanaggaga	gcagtttctg	tggtgagcat	540
ggatagcctg	cgntcccca	gagaangagt	tccagctgnc	ttgtaataag	ccaangcna	600
ttatggngna	gatccaccct	tgggagcnac	ttccttaggg	ggccnacnct	tnntagcccn	660
ttanttaann	anttcccccc	cctanatnnt	tccttnggnt	ttaaanctng	naaacttntn	720
tttacnnttt	c					731

<210> 4380

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4380

tntcaatnct	nggctctcgt	tcttttgcag	gateccctga	ttcgaattcg	gcacgaggta	60
ttcagcttgg	ctggagcaga	ggcaggagt	gggaactggg	gacnggtgan	actagaggtt	120
ggcngaaacc	agccatagta	gtttttgcct	catttggaca	acaaggagcc	atccaagaga	180
gagcgggtgaa	gctgatggtg	acacagccat	ggcgcattga	aataccccca	gtggctgtgt	240
tgtagggtat	attgggttgg	ggagggacaa	ggtcaggagg	catagactcg	acatcatctg	300
atgtgattca	ggacagaatg	gcgagcctga	agtgaagtgt	ctgtaggata	agttggaaag	360
gaaggaacca	atatgagata	ttaaagaagt	gaaagctata	ggtcccagtg	ccttaataaa	420
ggtaaggagt	aagagaagat	tcgagattga	ctcccagact	ctccagtcctg	ctggacatgg	480
gagatggaat	agaagttgat	ctcgggtgtg	tcanaggaga	gcagtttctg	tggtgagcat	540
ggatagcctg	cgntcccca	gagaangagt	tccagctgnc	ttgtaataag	ccaangcna	600
ttatggngna	gatccaccct	tgggagcnac	ttccttaggg	ggccnacnct	tnntagcccn	660
ttanttaann	anttcccccc	cctanatnnt	tccttnggnt	ttaaanctng	naaacttntn	720
tttacnnttt	c					731

<210> 4381

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4381

cnttcttnan	nnnatnttcg	aagnnnncnn	nnnctntntna	gttnnnnnnn	ntcngttct	60
aatgcttggc	tancnnggcg	ctcnaacgcn	ctttcaaacc	nagctctngn	tcttttgcag	120
gncccatcgn	tcgaatcggc	acgaggctgn	ttcctcaaga	aaatgaagag	ggnaggatgg	180
ctcaggga	gttnatcaga	gggnaaatgt	cactctgtaa	agagtaaaaa	atthagatg	240
atgatncnga	tctgggaaaa	aaaggcatag	tgaagaccac	ttaaaaaaaa	acaataaaac	300
ctatgaaggt	gcatgctatt	tcccanagc	taaaaagata	agtgaattg	tgttttgaac	360
tcttaagtgg	aggtgaagca	caatttatta	gccaccaacc	acataagtga	ttatgaagta	420
actgagaaac	aggtnacatt	ttttcccaca	tggacaaaac	tttctctttc	tagaatatta	480
agtatctatg	atnagaaatg	aagtagcatc	tcaagcagtt	tataaatcta	ccagaatatt	540

agaatcacct	gggacctttg	aacgtactca	tgcccnatng	nctacctnta	ttcattttntt	600
tttttcgtaa	gatattgggg	acttcaactt	cnggncttaa	aangatccnt	cccacctcgg	660
gccctcctaa	aagttgttag	ggattntcaa	ggccntgagc	ccnctgtggg	gcncctgccct	720
tctnatggtc	ntgcttttng	acccaattta	natnnaatca	tcttgngngg	ttggnnccnc	780
tgggcctnta	aagnatnttt	taaaaanttn	tccnaanggg	gncnactnaa	tttcttatec	840
tatcgatttg	tnnanccnc	nggcctaata	ccttgnnnat	ctctttncct		890

<210> 4382

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4382

gggggtanga	nccctttgan	accnattgct	acttgttctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acgaggaagg	atccagcatt	cggaggcaaa	catgaagctc	catcctctcc	120
aatttcgggg	caaccatgtg	gagatgatca	aaatgcttca	ccttcaaaac	tctcaaaggg	180
aagagttaat	acagagtatg	gatcgtgtag	atcgagaaat	tgcaaaagta	gaacagcaga	240
tccttaaaact	gaaaaagaaa	caacaacagc	ttgaagaaga	ggcagctaaa	cctcctgagc	300
ctgagaagcc	cgtgtccctt	cctcctgtgg	agcagaaaca	ccgcagtatt	gtccaaatta	360
tttatgatga	gaatcggaag	aaagcagaag	aagctcataa	aatttttgaa	ggtcttggcc	420
aaaagttaga	ctgccactgt	ataaccagcc	atcagatacc	aaggtgtcca	tgagaacatc	480
aagacaaacc	aggtgatgag	gaaaaaactc	attttatttt	ttaaaagaag	gaaatcatgc	540
cagaaaaacaa	agggaaccaa	aaaaatctgg	ccaccgttat	tgatcagctc	atgggagca	600
ttgggaagaa	aaaaagtggg	ncagaanttg	aaaaataatc	cttcnggagg	gaaaagctta	660
aaggaaagcc	aaaancaagg	gggaattnct	tttgnaaaag	ccagtttttc	cagaaaantt	720
cggaaaaaacc	nanggaggaa	ccagccangg	aaaaagattt	ttcancccga	aatttggggc	780
cannaangg						789

<210> 4383

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1266)

<223> n = A,T,C or G

<400> 4383

angntttncn	cccctttttt	tntgaaaaac	cccccttttt	cgnanaactn	cccngtctn	60
cctgatnntn	gcgangnnnt	acgcccatat	gggattttctg	taattnnngg	cctaccggca	120
gnagangatt	atngntatag	naaaantttg	tggtattgtg	tctcntgtca	tccgnetggc	180
ncannnatct	gtnganaanc	ncnnnnntnt	tgggttacat	nccanntctn	agttnaacgc	240
tgtaaactnt	ngagatnncg	tgngnacgac	ancngcctct	ntcatggctc	nnatnacttc	300
naccanaana	tagtatangn	ngcnnntttg	agcagncccc	cnatcntncn	acgacnanc	360
gctaanangc	ttctacgatt	cnntttttgt	nnnactngtn	cctttannat	ccttnncnnn	420
taangccnan	ttgtngnana	ctancgcact	ntgcaaaatn	gntantttnt	ctaactttna	480
taaaatgnna	gtgcnaatac	ngntttcann	nttannnnnat	anaaaaagga	antngantcn	540
tgtntctncc	cctttcangt	anangnnenc	ctagnnnngat	tcnntnngtn	anntattctt	600
atancgcgng	gtagaaangc	ctacttttgtg	ngtannattt	ctcttctatt	natnnngttc	660
ctctgttnta	cntnnntgaa	ncnntttagn	angaaggacn	gnanaaacan	naccnacngc	720

nnnaggntnt	tnnnngentan	aatanngant	acttctnang	nccnnttcac	tttctnatagn	780
aaccctccgt	ntgtgagnc	tttctanttc	tnatacnaat	actctttnga	tnccgccacan	840
ttntnnntan	ntntnnnnnt	tnntnagtnn	atgttnnncc	agcannttct	cnntnccctt	900
ctnnnacnaa	ntntgnaaan	nngctttctt	nnnnacntag	tngnannnat	caancctnt	960
ncnctgtg	tcntnanata	ttncnnntct	tantcnnncn	nentanatcg	nggcntanat	1020
accnactnan	ntataatatg	ngnnctngtc	gntnatttnc	aggcattctc	tgngntncnt	1080
ntcttatcnc	cntcgtntcg	tgtncnnngct	agnnntanta	ntancgtnan	ncatntcagt	1140
atacnntctn	tcntgtgngn	gcatacncta	nnaatntact	gntnctcacn	ngcntgacnt	1200
acgntangan	tngaanggag	tgccccgnnnn	tgcnatnta	tctcncgcac	ctntaccnac	1260
tnntcn						1266

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

aggggtnnnn	nnnnnnnttt	gaaaggcggt	nnnannnnnt	nnnaatatna	gctacttggt	60
ctttttgcag	gateccatcg	attcgaattc	nncncgagcn	gggncgnang	nagccatggt	120
gcccagccgn	aatggcatgg	ncttgaancc	ccacttccac	agnngctngc	agcngcncnt	180
ggcnncntgg	ctcaacnagt	cgntcctgga	agaatccgna	nacgtatggg	cnnggacaagt	240
cnagggcgac	cgcatngatt	gacacgcn	ntgtcgggat	cccatgnggg	tcattttgcn	300
catgncncan	ggttcgntgc	nacacanagg	tgctcagccg	agcnnnggatn	tagnctggag	360
gagcttaggg	tgncgggnnt	tcacannann	gtggtcgggn	ccattgncnt	ttgtgtngat	420
nngnagaggc	anatcangnc	cannngnttcn	ctgcatgcc	acgtgcagcg	gntgaaagan	480
tccgattcan	actgatnctc	ttcncncnca	agnnttcngt	ncctanaacg	gagacanttn	540
tgnttaaaga	actgatactt	gtcannncgc	tggaccggan	cgnttatgcn	cttcctggaa	600
cgtntnnnn	aagganaaaa	ctntaattaa	tactttggga	anagaanaat	ttnanagcct	660
tcnatangtt	tcganttggt	ccgtgccaan	nggcccgggt	tttttnacct	nactnnccaa	720
nanganccca	agggaagccc	ttncaacang	gatngtnaaa	agaanaanat	taancncnt	780
ncntg						785

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

nnnnnncann	annnnnnna	ngnnnnncna	ccannncnnn	cnacnnagn	nncccgtcc	60
aaagccggca	anncgccgn	cngcnnnntc	aaacntgca	ngcggcacnn	gnngnncccn	120
acgangcgcc	agcgcgcgng	anacngngct	gccaagaaan	gngngcncan	agnccggcct	180
ngagaacagn	acagngganc	gtcanaagca	gngggangac	agacgacnga	ngaaacntag	240
agcccagggn	nagcnggacg	acggaccagn	tcccaaaggc	ngnggcccaa	agcngacnag	300
ntnnaggaag	aaanacnggg	gacacaaccg	gagacanccg	annaggagcn	gacnganntg	360
gaccanang	gcaagaagca	ccnaaacang	ncacccacca	nacgaccggg	gaaggcacga	420
acggtcngag	cacgagna	acnggaacna	ancaacgcgc	acacannngn	aganagaaac	480

accncnaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncaagann	540
cggcannгаа	cccnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaanна	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacanggcaa	660
aagnaacgg	gcaaagggca	ancncnaagg	nnaagcccna	naacgcgcан	nnggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aagggggcca	cnaagngggc	ggnaaanngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	cnnggcncna	840
agggccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggncccat	900
cgngannaca	naaggngaac	cgnccaaggg	ggcanaaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4386

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1118)

<223> n = A,T,C or G

<400> 4386

tnggctttна	atncccttttc	nattccaatg	cttggnnact	ttcaacacga	tcccatcgat	60
tccgaattcc	gggcacgaag	caggagctgt	gatctgcccc	caggatttct	gacccccaaa	120
ctggctctca	acccatgttt	acatggatgg	aaaanggaan	agggtgactg	gtngtatcaa	180
gctcttaaag	ggccttactt	ttgggtggaa	aatggggacc	ctaaaaattt	ganttggctt	240
acttggantt	nccttnctgg	tcaattactg	gaaaaatttg	ggcaccttca	nttaanttta	300
aatncttttt	ggaaactttt	taccattaaa	ccttggnncc	tttaaannt	anntatttng	360
nceaattgna	ngaaantntt	atctcttnna	ttattcatta	aaaatantnt	tncnnnagt	420
ctccnatctc	ttttgntaat	aagnngcccg	gnatnctcaa	ntntacnata	tgtnnaagtn	480
ntnagtcttn	acanccagat	tntnttnttn	anttataant	tgntnananc	gnttnannta	540
nnntatnngn	naacttcnta	ctggctccan	gnntgttnnga	atgttcanan	ttaactantg	600
nantnttnga	aantacaact	nggtntntanc	aaancntcgg	nannngtggn	canttatncn	660
nnngnanaat	gnnaaatgnn	gnantcgan	gnttccnang	nntctananc	cnnaatctc	720
nangcgnann	canttcatnn	ncggttacct	ccnatnagtn	acctcncgna	ngntatatgn	780
agncatgntc	ttntgttagc	aattgaannc	atcnnncnat	cnagantcca	natantaatc	840
ttnncgntaa	ncncgcttna	nngacgcntt	gntatcccn	tcgngatggt	atatntacat	900
nnatacannn	tgnttganaa	aatacngtnc	ngntcnngga	naatctnagc	tggtntctac	960
agnatcntan	cgtgnaatna	ccntanattg	tncnccnccg	cgngtggtcc	canantcgcc	1020
nntagagcnt	catntcnngn	nattngacgg	taatnctgat	atnttntctc	acncagattn	1080
cnnctaataa	aagnngnnnta	tttgtagaaa	tgacnccg			1118

<210> 4387

<211> 486

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 4387

cgccttttaa	gctncttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagac	60
tctggcacag	ccagagtcат	tgttctttca	agcagtcatt	catatcagcg	ggntgccatt	120
nctgntttgg	agcactagnn	naaaatagct	gcactatccg	gngcgnntat	ncnaagctgc	180
ncgcnnnggg	cttgcnttct	tgngggngnt	ttntttgnna	atntcaaaaг	tttctaатcc	240

tnatgccnct	ttttgggnaa	anncaagann	aagtcaatcc	tncccttggg	gaccengngt	300
tccccnttca	atcacgattt	gtnggnnttc	acncgattta	tnntttacnan	gacacaggnt	360
tattgancng	ttangttntt	aacatctnng	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgccccnncn	ngngngnccc	tancgtngtg	ngnntnaatg	480
ccnnan						486

<210> 4388

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(842)

<223> n = A,T,C or G

<400> 4388

tencctttng	aaatcncctt	ggatnttget	ttcnaatnnc	tggtctttgn	tctttgngca	60
ngaatecnnc	acgagggann	gctgtcngan	antctgtntt	anacggnaaa	nccctgaatt	120
nancatcnac	agtgtcnntc	ttngaancan	nnntnctaaa	ntcnntcatg	anatggagg	180
gattaagatg	gcccttgctc	ntggatgnca	nacttnngnc	agaatnnacc	tactntgacc	240
ataggatact	ttntnttgta	ggtgtaaatg	gttctnctnt	actaatcnga	nnnggannat	300
annnatacaa	cnttntangg	gatccntann	canntnggaa	cagcngtnga	tgncnccttt	360
nggaggggtat	tcatntnnca	ntcntgatna	aanntnccctn	attnttntnn	ctactgange	420
aacnnntgca	nnaagtgtat	gaanggtgcc	ccctgtncca	atgatnctgc	antgctgnat	480
ncagcctttt	ctggggagcac	cgggtccaagc	gttccggaat	tgattatccc	natcatttnt	540
ganntgtnac	tggaaaaatnt	nnngctnatg	cantnaaaaa	tgtacttggc	ttgctttttt	600
ncaannngntt	atttncntct	ttgggaagta	ataaaaccga	ttcnaccctg	ngaaaccggt	660
aacccaaaatt	tentgggtatt	ttaaggncctt	tttttctctg	tntganggtc	ggagtcnttg	720
gnnccnannt	atttttttgg	ggttttttng	naagaatttc	ctaaaantaa	anntttnttn	780
ctaccatttt	ttnananata	aantgannta	anaaaaattt	cctgcccttt	tnaaaacttt	840
nt						842

<210> 4389

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(628)

<223> n = A,T,C or G

<400> 4389

nnnnntannn	nnntntnnnn	anntntanng	atnntntntt	cnnnnncnnat	nttannattn	60
nnannctcnn	nnnttantat	annagnnnnn	nnntatntnan	gantnnnnnn	nnnnnatnan	120
nanatnnnnn	nnncnnnnnn	nnntntttcat	tttngaaacn	cccttaccgt	gccgcnttng	180
ccagtatccc	atcgnnncgc	aacnaccctt	acnnaaaaa	ntaaanaaaa	ntggctagca	240
acgggttntt	tcatncgggt	gtctcttnat	ntaagtttnc	taagttaaga	aaagctgggtg	300
acatattnat	acgtntttgt	gcaaaaaata	atgaatggca	ntagnaccta	aaaanatctn	360
tattatgtac	ttntgtgtga	aaaagtntgt	ataatanttc	cctnaaatat	gcattatttt	420
acttgtgagt	tnnttntctga	attaatctga	aatgtncnaag	ccctggattn	gctacagagt	480
gagaagttat	ngctattngt	ttcttatttg	taatgcttgg	aaatgctgca	caaatcacga	540
agctcttacc	atgggttgaa	caaaaaaagg	ggaaatgggg	aggggaaaaag	ggtgggatag	600
cccagcatgc	ttgtntggta	tattccag				628

<210> 4390
 <211> 676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(676)
 <223> n = A,T,C or G

<400> 4390
 atncttggct cttggtcttt tgcaggatcc ctcgattcga attcggcacg aggagttttt 60
 tttttttttt tttttttttt atttttataa aaatgtgttt tattgtttta aaacaagtct 120
 ataaaagtag aaatcacatn caaaaataca gattactctg acatgttggc aaaatagctt 180
 atggctggac ttgagtttgg aagttctgta tgtttgaggg catccgatgt cagagtccaa 240
 ccggatccta accccagctc ttgtcactaa tagtaaagtt tcaggtatta tatcatagca 300
 ccgactgagt gataggtggt ggaggtagtt gagctggaaa aattcctgaa agcagtcatt 360
 ctttagcatg acactatcac ttaagtctag atggacaaga ttggggcatc ttctaactaa 420
 agtagagaga tctgatttct ggagattctt tctgtagccc gctaagattc agctggggtg 480
 atggtctctg acacatgcgc aacagcacct gtcattgctt tcaagtggaa tcaaacacca 540
 ggagaggtca ctatccagct ggacagttgn tnccaanntt gcaggcaatc aggaatccga 600
 cccccaaagg taatccccta attgagtttt gcanagnttg catggacca aaccgagctt 660
 cagcttaatn tgactg 676

<210> 4391
 <211> 946
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(946)
 <223> n = A,T,C or G

<400> 4391
 ttctaattgct tggctctcgn ncttctgcag gatccctcgt tcgaattcgg caccgaggntg 60
 tcacangnnn nntgtntcca caggcaccac tngetangtc tnacctgtgn tgnctgttnc 120
 aacncggggc tangnangct ngtattccac ntggataact aancntgggt cataccgncc 180
 ntgnacgtgg naccngctnc naggagatgc aacnanacat tctaagatgc ttatgatcct 240
 tacntgtatc tttcntnttg gngattcttt tanattggat gttgcaatgg agntgaatna 300
 ncttnnnnnc ngctctnntn annnccnntt nnatangnan naactttncn nnnnactaaa 360
 tngnccactn atactaatgt gcttagatgc atatnttacc ctcttnaagt gntaaaaccc 420
 tttagaatcc naaggaccag ngtcaancgc aacanncttc taggacctat gcgaagctnt 480
 gacttgancc ttgggggatc cntgngngt tanctengat natgtttcgn ggaccngcnt 540
 ngacncatnt anagtnttgc nncattggna ngnccctgtt aaatcccca ntnggaaanc 600
 cnnttagggg ttttanangc ttngngaacc ccnnccccgg gntctttgtt gncccccgat 660
 atngggggnn aaaaccggtt tcaaaaaaag ntcnaacttt ggggttnant ttaaaatttt 720
 nggggncctt tttggangta accctgngna aggtgcatan atattgggcc gggaantttt 780
 ttnggtgggg ggccancctt nggngggctn ncatttanaa atggcttaaa naaaanttta 840
 accnccaann antcnnatnn ncnanaaacn ncnttcengn acaanactcc cttnnaaanc 900
 nncnnntcn aatggtcaaa aantnttcaa ggancnggnt tanaan 946

<210> 4392
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(721)
 <223> n = A,T,C or G

<400> 4392

caaatcnnntg	gctcttgttc	tttttgagg	atcccatcga	ttcgaattcg	gcacgaggtt	60
ggcttggtgt	ggatgcaggt	tgctctcaag	gaggatctgg	atgccctcaa	ggaaaaat	120
cgaacaatgg	aatctaata	gaaaagctca	ttccaagaaa	tcccaaaact	taatgaagaa	180
ctactcagca	agcaaaaaa	acttgagaag	attgaatctg	gagagatggg	tttgaacaaa	240
gtctggataa	acatcacaga	aatgaataag	cagatttctc	tggtgacttc	tgtagtgaa	300
cacctcaaag	ccaatgttaa	gtcagctgca	gacttgatta	gcctgcctac	cactgtagag	360
ggacttcaga	agagtgtagc	ttccattggc	aatacttta	acagcgtcca	tcttgctgtg	420
gaagcactac	agaaaactgt	ggatgaacac	aagaaaacga	tggaattctg	cagagtata	480
tgaatcanca	cttctttgaa	ggagacttct	gggaagcaac	ccngatcatt	tccgcacctt	540
nagccncatt	tagaactttg	acnattaaaa	ccccagtg	gaaatttgaa	ccagatgggt	600
gatananctg	ccacttttga	aaagacaagt	ctttgggtca	antcnccanc	ngaccngntn	660
ccgtaaaaaat	ccaaagcttt	nnggaaagaa	gaattnttnn	aaattcttag	ggnttccaac	720
c						721

<210> 4393
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1102)
 <223> n = A,T,C or G

<400> 4393

gggggggngn	nngggggng	nnggnncng	ggggnncnga	gggggnnnnn	gggcaggngg	60
agggtnaanc	cggtnnngnc	nnngnnncnc	ctagngaacc	cttggaaann	cccgnagcag	120
gnccaacgaa	gcgaaggcgg	cacgagaagn	ggaccaacgg	gccancnggc	nnggttnntg	180
gggccaagac	gggggancnc	cncnnggcng	gggggggnaa	ggagggggcgn	nccngggggg	240
nagggnaaaa	aaancncng	agngggnaaa	ggganngggg	ggnanngggg	ncnggggaac	300
cnnagaggaa	ganaaggggg	gcgggcnana	nggggngnan	aggggnnagg	gggggnncng	360
nncgcncggg	anngannnnn	ngaggagacg	cccngggggg	naggggaaag	cagaaggggg	420
nngcngnnca	ngggggganc	angggggnga	cncgcggang	ggccngggag	gggcgnaaaa	480
cngngggggc	ccngggnggn	ccngggggag	nngagancgg	aagngganana	nncagnaagg	540
aggngngnnc	gnngnggggg	ggnnnaaagn	ncaggagacc	cngnnngnna	ggnngccnng	600
ggggccnggg	gganagggcc	gacnagnngg	gggncangng	nngggggngg	gnngcgnnnn	660
gngcaggngg	cgangcangg	gnngacggng	ggaggcacgn	gggngnangg	ggggcgaggc	720
ngnggngggg	ngncgcgagg	nnganngggg	ggggggngaa	gggngncggg	gganancngg	780
gggngngggg	nagggngggg	ngcgnngggg	cggcggcnag	gnnggnngnn	ggggagggga	840
ggannggggc	gggagnggnn	ccgnnnggcg	ganngnngan	ngcggggang	gnngcgagg	900
cngngggggg	cgcgggnggn	ngnggganng	ggngagnggg	gcgnnggggc	ggancggggg	960
gcngggagang	aggaggnngn	ngnnnggggn	ggcgggnggn	gcngagaggg	ngnncacana	1020
ancgcggngg	ggnggngcgg	gccggggggg	nagnnggggg	aggnagnngn	ggangcgcga	1080
gggnngggng	ggagggnggn	cg				1102

<210> 4394
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4394
 cnacangnga cnggnnttgg nactcgctct ttcccnggca tccctgnaga canagatgnn 60
 naaggggaag angntngaaa accaggntaa aantttttan gagaaaggca gaggatgctc 120
 aagggnaann aganggaaat nnagntnacc ncnntnncgg nantggncnn tatgnnnaan 180
 ncnncgata annngntctn tntgnngaag acagatccca gccttgatg gcttgatagn 240
 cgatggatgg aaancgatnn gggncatttt aaanaggcct nnangttaca ttcnnagnat 300
 atnnntaaga gatagngnat ncaaactntg atgaangtgg tgatgcagga ctgaagcatg 360
 gtccactaca atgaancttt ntccnntng gncaanggna tggntgatga tcccacnca 420
 gaggatgntn ctgnaccaga ggngcctccc attntcgctn cnaactgccc taactanccc 480
 atantgagnt aacatgtccc ttcattntgt tacgtctatn nagacaaatg cttntcttt 540
 nncttgcttg acccnatctt gncttnccnt tcagntaant nnagaacaca ttnttancnn 600
 tcnntggcca tannggttct aacttnaaac cattttacct nttaaatttt gtgattatag 660
 tnngtggnnn tncntaaggg naanaagatt gcctttcaac ttttgngagg ggaatttcgn 720
 gnttgngtaa antnatTTTg tccaaatctt ttgaattttt an 762

<210> 4395
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (578)
 <223> n = A,T,C or G

<400> 4395
 gcncgncgaa nnannacngg nnanngcccc gnngaannan gcncnnngan ncccgaann 60
 aagangnnnn nnannnnnnn nnnnnnnnnn nnnnaaacct tgaaanccgc cgnnngnngg 120
 ncncctcggtat tcgcanaana cacaangggg aggaaggggn gncaanncgg gttgggggtgn 180
 aaggggaaaa ggacacgaac nnnngntaan ggnagcaaga nttacacggg cganggganc 240
 cgagccngtc ccctttggag annatcccn anaaanatan ganagnggnc ngngggggng 300
 nnacaggaca cgaccgcggg naancnngga antggccttn ngccgggaan tccagaacta 360
 anggggggnc aangcagggg gnnnacaang ncgnnngang nggcagnna gccagagana 420
 nntgacagaa gagncnnggc ngtgcgggca nccngnagaa aannngccan anccaggagg 480
 cccgnacntg gnngaaccca cgnaacnncn ggaggncaga ggnganagga acacnggggn 540
 gnnggancag gagggcnnga gggnnacaag gnanagcn 578

<210> 4396
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (898)
 <223> n = A,T,C or G

<400> 4396
 tnnctttct aatgccttgg atagttgctt ncnatngetg gctacttgnt cttntgtagg 60
 atcccngcn ngatnnttat gactgnncn ntnnngcng atcntttgcn ngnttacnct 120
 ngtanaccng tngcngcggn cgnnngaagn cgtcctggga ancagataa acngctgcnn 180

```

ggctnnggagt gnncaccegg tacacantnt ttattttannn ggccanctnc cactgatgaa 240
catatantcn gagtgactgc tgaaatagcc tttttggatt gaacgcccac gacagtncat 300
tangtntcnc ttntatcatg ctttctntac tgnnatgagc ttcactgaac ggcgtagaaa 360
acttgaana tnnatnggac atgctgtaan atnggacata natttttata cggaaaactt 420
naagtgcnc cagttgaaag ccataatggc atcccataga gaggctnttt tgaactttgg 480
gatgctttat tgnnccaaag aaagatncag atttacctga aanccttggtg gtttnggaca 540
cctttntgnt ttntaagcct nntgaacaan tttttaanac ntttgacntt tttnaaaaaac 600
nttgnccttac cnagnnggtna cnanngaana atggccnttc angggaaatt tctccnggg 660
tttccccngg aaaaaanant tncnnnccag ggttttttgg aggggattcc aaagtntttt 720
ntaanancng ggggggttnc naaaaaaat gggggcnnc atnggntttt aganggggaa 780
caaaaccnnt cnnaagccct tttntcnaa ntntcnncct ttngtaaaan gncctccana 840
ttatttcttt tnnctanggg ttttcttttt ttgnaaaana aaaatannnc tttttnt 898

```

<210> 4397

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4397

```

gcttaccctt ttctatttct tggatgctct tncattgtgc angatcccan cnntcnaatt 60
cggcacgagc agagctgtga tctgccccca tgtattctga cccccaaact ggctctcaac 120
catgttnaca tgatgaaaag aagaggtgac tgttgtatca gctctaaagg cctcactttt 180
ggtgaaatgg gacctaaatt ngatngcnta cttnattnct tgcngtcnat actganntng 240
gcactttata atttnaatac tattgaactt tcaccatanc cctgtcctat aaagttgact 300
tgcaaatgan gaaactctat ctcttcaata ttatgnacta tatccaagag tcacaactag 360
tgagaaaagg acangntcta actaccaatg ngaggctgtg tcttcacacc aattcaacag 420
agtatcttgt aaatgntgag aggagaggtta ctttaagtca tgggtgtcta tcatangtgc 480
ttnacaaaac nnnttgacaa ctgattgggc cttgaggtat gaatggantt agccaggcna 540
ttnaattcga aatncgaagc ttcaangaca gatttantaa cnctttgnga gnagttgaaa 600
tgcagcaaga tgttacgaca anttgntact gnnccatggg aattttacca aagttgtgna 660
attgnagnna antgctnatg gaaaccttga aaggatntng ctttgnggcn cacgcttgaa 720
cnaangnctt cggantgcnt annaaaaagc ccnaatgcnn ntccancnn 769

```

<210> 4398

<211> 1466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1466)

<223> n = A,T,C or G

<400> 4398

```

cnnctcaat nanntannnt nnancantta cactncance nctataatna atacatatcg 60
ggggatntta tctcncctcc antancnttn tactnctccc cattatntct nttcnccata 120
catattctnn taanctnnat ntanatcttc aantataata ncnacccaat ctatnactac 180
nnntacttna antctccact nttncgnent nccannccnn tnatattatn ccnattnaat 240
cttnnccncc nttanacctc ttcntttacn ttaaactcat anctcatntt naanannatc 300
ntcnttctna tctcaaatcn nntcnnaaac ttcatttcta tttnnatact tttcncnata 360
ancttcantt atnaatcaan atnnnctttn tntanctcn tntnatntnn cattntcctn 420

```

```

ccantantan ctntnttaan acattcnent ntctatcaen nctnaaccta tntantnta 480
cnnntatct ctncntctcn tcctactcac tatacnctca ncatatactc tacnanatat 540
acattatctt cntnccatct cacattnatc tatntctcac nnnaatatnt tncacctcca 600
ctntctantc tatttanctn tcantncttc tccctctctt ntntcttann tccttnccat 660
ntctctcann ctncntctca tatgatcact ntgnngttct atactntatn canactcaca 720
tcgatttact nacnntanan accctantnc tatatactat ntaatnntca tcatatntcc 780
aatattcnta aaccnncaat tactcccact antatntnt cctactttaa naatgactng 840
gtaatcatna ctttaatactn ttttctcatn accatnttac cmntactnt nactctcttt 900
atcatcatnt ncnttanatt tcantcatac ttngtaattn tttntttcnc antatatnaa 960
nttatcnaat tttaccgtct acacatacnc cattatcacc tatctctcac tatacttnen 1020
tactnatntc ttatctatcn atnctatctc tntnnacatc nctncncnna tntcacctcc 1080
nttccttcac natanaactt ntatcttaca tctctatata tacnccact catttatcaa 1140
ctctntcana acannntnn tnntntantc tannannccn tatttnatac ntanacatag 1200
actntcacnn aatntctcnt tatcactntn tatannatac acttnttcta tactacttn 1260
nttctncata tntatcncta natnnttacc cantantnn tntcnccnat tnnaaanant 1320
tacagcancn aaataaatnt ttattnttct acctntttna tcttgtnccct tccttnanaa 1380
tttaattnnc tnnctnctct tnaaacnca cccntatcac cctntcnttc ccatnntnna 1440
tcattacaat cattnnacta actanc 1466

```

<210> 4399

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4399

```

gnttaattgc tttcnattgc ttggctctcg atctttctgc aggatcccat cgattcggtc 60
ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt 120
taaataatgt gctgaataag ctcagcaact aaaaaccatt acccaagaac gtttcttggtg 180
agtgagctga tttattctga ttcattatat tccttttggt agattttata ccccttgggg 240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga 300
ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt 360
actgtacttt attcctgata cathttgggt tccatgtagg tgttgagctc ctggnnttct 420
gtgtttggt gatgaagatt tggacccttc cattcataat ccctttctaa gtgaagggag 480
aggctggctt ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac 540
tggctctcag tctagtcagg tgcaatgttc ttgagaggtg gggacctaata tattaccaga 600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt 660
ctacctgaaa aaangnanan gnnccnnct tgattanctt cntaatcctt nnnnatnnaa 720
ncnntcctna annantttaa t 741

```

<210> 4400

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4400

```

tnnnttcngt tnaactggtt ganttcctat acaagctact tgttcttttt gcaggatccc 60

```

```

atcgattcga attcggcacg aggcctgatt gaggaagaga acatgctggc accatctctg 120
aagcagtttt ncctacgagt ggagatttgc catcctacat tccagtgagg gttgctgaaa 180
aaatcctatt tggttgagaa tctgccagat gtttgagaat caaaatgtga acctgactag 240
aaaaggatcc attttgaaaa accaggaaga cacttttgct gcagagctgc acccgtctca 300
aacagcagcc actcttcaac ttggtggact ttgaacaggt ggtgggagtc cattcgcagc 360
actgtggctg agcatctctg gaagttgatg gtagaaagaa tccgatttac tgggtcagct 420
gaagatcatt aaagactttt accttctggg acgtggagaa ctgttcaggc cttcattgac 480
acaactcaca catgttgaaa acaccacca ctgcagtaac tgagcatgat gtgaatgtgg 540
cctttcaaca gtcagcacac aaggatttgc tagatgatga caaccttctc ctctgttgca 600
ctttgacaat cgagntncac cggaaaangga gcacaaagat gctnctcang caagaanaag 660
ggccttctcg ggaaacttct tcccccgga aagccctgc antcttggtt gggcagccct 720
angtcttttc ttacaaaagt acaagtgggc ccccnccnt ttttanct 768

```

<210> 4401

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4401

```

tttcatnntt tacaagctac ttgtnccaag atcccatcga ttcgaattcg gcacgaggct 60
agaagttcaa cgggagacnn attatnncca tngnanactt ncggaacctc ggggttctgag 120
tngtgccttc ctcaactgcn cgggtgagcc ttannccctg gnttggtgcn naannanacc 180
tnngtttant nngntnccnc nnnnnctct taaanncta nnnntnnag ngctntaaan 240
cccangtgag ctnatnaanc aanaattgga gcgnattgca tccngacta gngcggatga 300
actntntaca gatgacnct catncttct tgagccaang ngganaacnc tgccgctata 360
gacntggcn atnactcnn nttgacatna gannatnnnc taacnntncn aanattncta 420
ggcnntccgn ttctcangnn ttatntttaa canctgnttc atg 463

```

<210> 4402

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4402

```

aaacatcttg aaccggttg antnctata caaactnctg gatgnttgng cnggatccca 60
tcganncnaa tncggncga gggcatagtc agacntgtt tnaaaaaataa tnatnatnan 120
nnaaccagtg gtggggnat tcctttngat tactattatn ttgttctcag aacaattgat 180
ttnantttta tagactttct agcccttata taataatnct gagtntcng ccnncataa 240
aaanctggaa aannnctgat cnagaaanaa nnggtactac tntgangaat ntttangact 300
atnatactga gtncaatat naacacaatt cngcgtntct ncctnngatg annntaaaa 360
tatttgaaaa ttgattgna tnaaanagca tnttgatata cnggaganac tnatgntcnn 420
gacattanga catnctgtnt gnnngangct cccgtcnna ggaagccant ntccnnaa 480
actaccttgn taatataacc ggganccggc tttngnacct gccattntat tgatnanatt 540
naatgttnat atnccggaaa aaannggctc atgccgtgaa atgtggggtn catnacaagg 600
gaaaagtgtt ctggngcgg atnacttctg gnnanaactc angttctnnc ggactnggat 660
ntaatncnct ccctttgcta ggtttctctc cagganncng nttcnaaagg cgaatcaa 720

```

gccngccaac atttcaaatt ttnaaganng gggnnccncn aaaaaaaaaa aat

773

<210> 4403

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4403

ttcnantctt	ttctaaatnn	cnggtcttgn	tctttctgca	ggatcccatg	cgattcgtgc	60
tattgtaata	ataacaataa	agagaaatta	gaagtggggn	tcagggtaga	aaaaaatgca	120
aaggccttgg	tccttaggag	accaacactc	cagctgagct	ggccttagcc	ccagcccctt	180
ctaatttctc	tttattgnta	ttattattat	tttctctgct	attgtaatat	ttttttgtta	240
attaaatgtt	ttggtcacaa	aaaaaaaaaa	aaaaaanaaa	aaaaaaaaac	tcgagcctct	300
anaactntag	tgagtcgtat	taccgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttgtgaaat	ttgngatgct	420
attgctttat	ttgtaaccat	tataagctgc	antaaacaag	ttaacancaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggaggtg	tgggaggttt	tttaattccc	ggcccgcggc	540
gccaatgcat	tgggcccggg	cccacctttt	gttcccttta	gtgaggggtt	aaattccccc	600
cttggcgtaa	tcattggtcat	tagctgttnc	ctgngggaaa	ttgnttttcc	ngtnacaatt	660
ccacacaacn	taccaacccg	ggagcataaa	ngtggttaaaa	ccctgggggg	cctaatagaag	720
tggancttac	ttccnattaa	ttnncgttgc	gcctcctggc	ccnnttncna	gtcggga	777

<210> 4404

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4404

ccnacttttn	cnattangtg	nagccctcgc	ccanananat	tggcntgggc	tnaacgnana	60
ttatcttctn	acnnatannt	gtgtgcctat	tttttcataa	ttcttnancn	nangncttnt	120
tntaantgtt	ccgctagncc	anannntgcy	ctaacanatc	agggcgccac	tggtgncgga	180
tnacnactgc	nattngngcn	ctntnncatt	ncnnaattgc	gcntntnaaa	tcngatcggn	240
tcacatgaan	atnanaacgt	atatnatnnn	cnaacttgag	atcttcnttc	acgggnntc	300
tnnnacngct	tnatgactcn	tggtnacagc	nccacggntc	atcangcccc	cannгааatg	360
ngactantcn	cntggancnn	nntgnaacac	ctgnccttca	cangtnactg	atnaaggctn	420
anctgntcan	gacanncntt	aanccttncn	gcttcngtnc	tggaaaccaga	aggantnttn	480
nnaaanggnt	cgatnacncc	ctantagtct	tacctactgc	anccatcact	ggaancatgc	540
taatanggtc	atgtggtcag	tgtaancntn	atcaatngaa	acncccnncn	annttnnccn	600
ntnanctcaa	cctaaatant	cnncttttta	aataantnca	cnncaatggt	nnaaactanc	660
ctannaatng	gcngttcccc	tngaagtccct	ccttctcnaa	gcntgcacac	nttcntntng	720
nancccnann	ntttaccctn	tcgnnatccn	cntgggcntt	ncctttattn	atccacctat	780
nggcttcccc	aaagaacntn	ctnngnnnca	atcatccttg	ggannacttc	ctccttngg	840
nnaataacgg	cgcaaaantt	nct				863

<210> 4405

<211> 424

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 4405
ccntcgaatt cnnncgagga gaaaagctnt cangttanct gtttggtta taagggaac 60
ctgcagtcct ttctgaaagg ggagctgtga atatgactgc tttgtagaaa gatgtcttag 120
gattctgggt gaaaattttt aattcccctc atgtaggaat gtcacagagt gtaccttttt 180
gacttagtat ttctctagta aaatacacct ttcttaagaa aatggctaca aagtcagatg 240
catgtaaattg ctttcagcaa gggttttattg atcatctgct ttaggctggg ctctatgtta 300
gggtgctgtg gattccattt tagtacctgt gttctcatag aattgaatcc tgntccccc 360
tatgactttt gatgatattc acactgttaa ttccaataaa gacagagtag acaaacagaa 420
actg 424

<210> 4406
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 4406
gnntcaatgc tnttctctng ttctttntgc aggatttcat nnctcognat tcggcacgag 60
agaaaaacaa cagagagaaa aagaatcctg agaatatgta gaagctttac gagcccaaat 120
ccaggagaaa atgcagctgt ataattattac tttaacctca ctatgctgtt gtggctcctga 180
tttttgggat gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 240
agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc 300
aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct 360
ataataagaa tctgaaatta actggttagta ttttggcttt tacttaaaat catccctgag 420
agagtattta agaaaagctg ttcaagttat aaaatatata atctggaaag aaatactgnc 480
tcatataata attagattgg aatcattgggt ttaattctctg tctgggaacc aagattgaaa 540
gctgacttac ttctctcttc tgncttgtga accataccgg agcctattat ttttaaaata 600
tgatcagaca agtaaggctt ctcttacttt tgctctgctc tggatcagga agancctcat 660
gggtgaagtct ttgagantct cttattaatc atctttctta aactgngttt ttgagcctga 720
cagtactgaa aanctggg 739

<210> 4407
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 4407
cntcagcggc cntgnatcca aagntggggg cgngcgnacg anctgcgagc ctgccttacg 60
aggccgcaag cccttttttgc caccctcggn gncnggncgt tccggccgtt ttggnggcat 120

canccgnccg	ncatggcagt	gaacgnccng	caggcnccag	ccacngcctg	gggctanaga	180
ttaaatgtgac	nncccnagac	ccggcattat	caggagnngc	tangannctt	nctgcatnct	240
cggnaaaacta	gcataagcca	aagactcgcc	atgcagaant	attagcanat	agctgcgctc	300
gataaaaggaa	ngaggagnta	aanaatnaac	tagtgaaaac	aagggagatg	gtggctttat	360
cgtgggttag	agctntngan	ctatgatgtc	atcggctaga	tactatgtga	aatatcttac	420
tacnnttann	catgcnaatn	agantgagna	agnctnngac	caagccccct	ttaatgagnn	480
caagaaaaaac	tcttggctgg	tagaggaaaag	nnaatcnagc	tanaactcgg	tgcacgaata	540
tgnngtcata	tccaggcaaa	ccgggagnnt	gttgtaaacy	gtcaggacca	atggnaaccc	600
ctttttnccct	ctgggggcct	tnggttgccc	aagggaacgc	aattaaggaa	ccttaaattgc	660
nnantagnnc	cnncaatctc	ccggnccatg	gaaannccaa	ttgnccngga	ntgnccccct	720
tngncccttg	cctcncccca	aaaggggggtt	tgncaccaa	ngtngnttgg	ggaaaacaat	780
tccg						784

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1327)

<223> n = A,T,C or G

<400> 4408

gnnnngttnc	tncctttnaa	accnttgctc	tngttctttt	tgcaggcatc	ccatcgattc	60
gaattcggca	cgaggggcnc	tgtctgcttg	cngcntgnan	acgatnngtt	tgatcntctn	120
tnaactannn	acttncnnng	ttngncttat	tgcagttntc	atcnaacgct	aacantgtng	180
tctctatnna	natnttatga	agnacatata	tacgcttnat	gancantntn	tgtcanaann	240
ggncanancc	tatgtcgtgn	gcnttntttg	ncaattnnan	aanangagct	nanggatcna	300
ncgatgtgaa	agnacagctn	tactctgaan	acatgctcnt	cnnntngna	tgtccnnnta	360
cntancnaac	gaaatattcc	nntaaagacc	nganntnata	tggaacatac	agaanngtnc	420
ttcaaaaagg	tcctttantn	nanagttntt	ncncnggttt	gactaccttg	tagntaattt	480
actaggaatt	cttggtaatc	gaaatccaac	ttncctgcnn	ggaactcgtt	gngntcnant	540
antnataaag	tggngngnng	gaaancctgg	nantaaangn	naaccctggg	cattggtnng	600
acccattgng	aattnacttt	tatcccaagt	tnggaccnc	ttttaccccc	anttgcccn	660
ttgtgngctt	ttgcccccaa	aaattccccc	ctntcccat	aacncgttaa	nccaaatttt	720
tccgcccgtt	aacaataaat	ttttttntan	ccctnaaata	ccnnggggtt	tccttaaaaa	780
ncgtcnnatn	cctnaanttn	ccntttgaaa	tttccctttt	cncttctggg	gccnttantt	840
tgaacccena	naanttnaac	ttggnccttc	cncgngttta	antcnaacan	natttgccct	900
tacntanana	aaatctccta	cctnttggtt	ncttcaanat	ttttgaacnt	taatctnnat	960
tttanannna	nttaataaaa	ctgtaatcnt	tggaananta	ctntggnncc	cnaaattccn	1020
ttatacacat	nggtnttttn	atgnnaccaa	acttttgagn	aaccgcatng	tcttataacc	1080
cncnaaattt	cttccgtacc	nccgggggnt	cttcaatctt	tacctcaaan	gngngaancgt	1140
tttcccttgn	tttcttacnn	atacggctnc	gtttctcttc	tatttttant	ccanctaagt	1200
gtaattcacn	tttttccgga	netcttctga	cctatntnac	ntctcttcan	atctccccct	1260
aaagtccctna	atctcnaact	tccaattntt	acccccanta	tcaatgtttt	ccaatccctt	1320
nnttcnt						1327

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1267)

<223> n = A,T,C or G

<400> 4409

ggcttctacn	nnaannngtn	ggaaactcan	ncgctcgann	gcgcnnngga	ngcnnctaga	60
tcacacggac	ngctaccanc	gagnagggnt	ttmntnacca	naatcangac	ctaaatgcac	120
ggntntatgt	accctgncca	ccatctngtg	cctctttatc	attngcctct	tccttcctat	180
ntcccttgcg	ttaaggaana	aaaatggtgn	cacaatttgt	caaaagtnat	tttaannnga	240
aancctnnnc	atganagnaa	centgnantt	caanncgnet	nnaannnnnc	tnctnnncca	300
nngnggacnt	ngnnntcnn	aaccctnact	ntnnntncnn	gannncnna	nnccnatat	360
cntnncnnga	gttnaatnnc	annncancan	tttnnttann	nnngaannan	gnnaaattga	420
nnncttgtn	cgganntanc	ntcangatcc	cannannant	nccgancgna	anttctatna	480
antntncnan	caccanattc	ngtcganacn	ncnncgtcnn	ncngcacnat	ncactggnan	540
tnnancnnna	gncnncactg	nanntacngn	anctacnagc	gctgacnntn	cntntccnng	600
cnngncnngt	ncngtanatc	ncncnatcat	ntnagatntc	nnttnnatnt	acnnatntnn	660
antntcgana	ntgnntcagc	ganctatat	nngnganncn	acctanagng	cacannacan	720
ntcnanacga	nacactnctc	ncaggnatnt	tcngncgtnc	tctgntgagn	cnetacacnn	780
ngnnacacnn	tntancagag	taatncaca	ctgtaatcnn	tataccanaa	ntctnecgtac	840
gcanancncn	cnnanagcat	cncnntgctg	acgttnacnc	atntcnacat	ntcngcacgt	900
ncatntntca	ntancncnaa	tntcntatgn	nctannngntc	natcntatat	atnntnnttg	960
atatgnntnt	ncgntancan	acacgnacng	ngnacanaa	ncncactnna	nnnangannc	1020
acncancncn	tnangncann	nttngnnnnc	tcgcnananc	gtagnatacg	ntactcagng	1080
cntancacnc	ganncgcgan	tatctcncaa	nanactnnnc	gctnnnannt	atcactntct	1140
cntacatcga	ntctcngcng	atctacncgc	tcagtnncnn	ctgannnnat	atnagnatcn	1200
ctcncatnga	tnanantann	aancactggn	ncnnncnaacg	ngtnccgnta	naagtaganc	1260
gnnctcg						1267

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 4410

tgngactntt	tgaactcctg	ttcttttttg	aggatcccat	cgattcgatn	atgnnnncan	60
ncactntgan	ngtnnattha	tnnntttctc	cnattccnna	actaatggga	nnccggtgct	120
ggtatngann	cttggggaaa	atacctggag	ataccagtgc	agctattnaa	agctgnagca	180
agggtgcaa	tcttgcgag	attttaaaga	gaagtnttaa	agtttcta	actgatgcct	240
ctttttggta	aatacaagtt	ttatnaatcc	tgccctggga	tcctgattcc	ccattaatca	300
agatttgta	gacttcacct	tctataatta	gaaaacacag	ttataagaac	agtcaatttt	360
ttaaattttc	caaattaaaa	aattgcacca	tgattttgaa	caagcacttc	caattncatt	420
accatcttg	tatgccatag	gtgggagtat	aattgncaca	gc		462

<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4411

tnnnnttttn	aannnttttcc	taatgctggt	ctcgttcttt	ccgcaggatc	ccatcgattc	60
gtttgtgctt	tttaagaata	tttttagact	atttcttttt	ataggggctt	tgctgaattc	120
taacattaaa	tcacagccca	aaatttgatg	gactaattat	tatttttaaaa	tatatgaaga	180
caataattct	acatgttgct	ttaagatgga	aatacagtta	tttcatcttt	tattcaagga	240
agttttaact	ttaatacagc	tcagttaaag	gcttcttcta	gaatgtaaa	ttatgtattt	300
aaagttgtat	cttgacacag	gaaatgggaa	aaaacttaaa	aattaatatg	gtgtattttt	360
ccaaatgaaa	aatctcaatt	gaaagctttt	aaaatgtaga	aacttaaaca	caccttcctg	420
tggaggctga	gatgaaaact	agggctcatt	ttcctgacat	ttgtttattt	tttggagag	480
acaaagattt	cttctgcact	ctgagcccat	aggtctcaga	gagttaatat	gagtattttt	540
gggctattgc	ataaggagcc	actgctgcc	ccacttttgg	attttatggg	angctccttc	600
atcgaatgct	aaacctttga	gtagaagtct	ncctggatca	cataccaggt	cagggaggat	660
ctgntcttcc	tctacgttta	tcctggcatg	tgctagggtg	aacgaaggcn	taataagcca	720
tggctgacct	ttggagcacc	agtgccagga	cttgtcttca	tgtgt		765

<210> 4412

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (754)

<223> n = A,T,C or G

<400> 4412

gnnttnantt	nnnttcctt	tcaaantnctt	ggctacttgt	tctttntgca	gggatcccat	60
cgattcgaat	tcggcacgag	ggaacctact	agatggacag	gctgagggtg	ttggcagtga	120
tgatgaccac	attcagntng	tgcanaaaaa	gccaccacgt	gagaatggcc	ataagcagat	180
aagtagcagt	tcaactggat	gtctctcttc	tncaaagtct	acagtacaaa	gccctaagca	240
tgagtggaaa	atcgttgctt	canaaaagac	ttcnaataac	acttacttgt	gcttggtgt	300
gctggatggg	ntattctgtg	tcatttttct	tcatgggana	aacagcccan	anagctcacc	360
aacangtnct	ncaaaactaa	gtaagagttt	aagctttgag	atgcaanatg	atgagctnat	420
cnaaangccc	atgtctccta	tgcatgacgc	acgatctggg	ctgggaacag	cananatgaa	480
tggcaaactc	atagctgcan	gtggctataa	cagagaggaa	tgtcttcgaa	cagttgaatg	540
ctataattca	catacagatc	actggctcct	tcttgctccc	atgagaacac	caagagcccg	600
atttcaaagt	gctgtactca	tgggccagct	tttatgtggg	acgtggatca	aatgggccac	660
tnaaattgac	ctgaagtggg	ggancagatt	aatgaattca	aaccatagna	tgactggggt	720
cctgtttcag	aatttgagaa	ctaaccggg	tgtnt			754

<210> 4413

<211> 1119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1119)

<223> n = A,T,C or G

<400> 4413

ncncacnnnn	cantnntcna	nanccannnc	caannccctca	cncnnnnnan	nntctcnaaa	60
ccancnncnn	gnctnnncnat	nacncaangg	naaggggcan	nnngattcta	gttttntntn	120
anttttttga	aaggccnttt	cnagagtcnc	ttggcaagcn	gcttctacca	gangaattcg	180
gcacgagaat	nntccngtat	ntgnctcttc	naccctagaa	tnacttatan	acgtataann	240
tanncntcna	aataactnaca	ggtntnaaaa	taangntnat	caantactaa	tttaattctg	300

tttcatcana	aagcacgacc	atcgtggcat	ngaaacttga	gttatagcct	actatcanga	360
tcaatntaaa	aaatatatat	ntagggctgg	ntgcacgtgg	tgcacatctg	taancccaag	420
tgctttggga	ggctgaggng	ggtgaatcac	ctgaangtca	cganttcaag	accaacctgg	480
tcaacatgac	nataacccca	tncctacaac	aaaaatgtaa	caaattagcn	acngtttgn	540
nacacacacc	ntatcactct	acntncaatn	gggggccgga	atncngtnga	anaatccgcc	600
tntgatctct	tnagnaaaca	tncaaangcc	tgctncanaa	gctaattncat	cattgccca	660
cctggaactt	ccaatccntn	atngcnaanc	ancaatctac	ncaccacntg	gtcccntaat	720
atacggaaca	nactcacatc	ngactatctn	aanantncca	nagcnataa	ggnnacantn	780
acnccancan	ntttncanc	nntgccnaaa	nanatacccn	acaacaatnt	ctagnacant	840
atnnacnnnc	ntttacncat	ncncncacat	ntnncccaaa	ctcnantaca	cntccntcac	900
actntcactc	ctctectacn	tnnncnaaaa	anactcntcc	gnaacccctc	cntnnantat	960
acctcatnta	tacennanna	atctcctaac	attttaccat	ntctcntnat	ncccnnnaca	1020
cacttttnct	naacnnntc	tcnanataac	gnaanntana	nctctcnang	atntccaaaa	1080
nactncacna	aattttgtcg	caaaaangtn	ntntnaccc			1119

<210> 4414

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4414

gntttntttc	ntttntttt	caaataccttg	gctactttta	attnctgcag	gatcccatcg	60
attcgntttt	ggcncnangn	ggatntggct	tntgnnga	nggatnnna	gctggctgat	120
gacggncanc	ggataganan	actgnagnan	ccntgctcnt	tgagnncag	tgctgtttan	180
gaanangatc	tcantgtntg	nnttgannct	ctgnatggan	ccanggcgtn	taccnaaaant	240
attntngaca	ntgtgacacn	tcattattgg	aatngantat	gannnanatg	ncatagcang	300
aganataaac	cagcnatatt	acaactatct	cgcancgacc	ngatgctgng	ntctggaaga	360
caatntggng	agnttttaggt	ntagcgccgt	nnggntttca	nctgntanan	gaacctgntg	420
ngaaanacat	tatcacnntc	actcgntcct	atngcaacaa	gaagnngctg	actgtgntgc	480
tgctntgaac	tcctatgctg	ngctgctagt	angatgagca	ngnaatanga	tnatcagctg	540
annganngcn	aagnctctgc	ttattgtntg	ngcaaagtct	ggttgtaagg	anntgaggtt	600
actttgcgct	ttgggnaagt	ncntactana	ttntttnttg	ggaacngcaan	gntttnnccg	660
ggtganccca	angngnaant	ggnaaccttan	tngancnat	naanggnntn	tcananggca	720
tagtnnancc	tggannaaag	gangttncna	gnnttttann	tcggggaaat	nnnngactta	780
cttttttcg						788

<210> 4415

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4415

ttgtnnnnnn	ngtttttttt	ggcggtaaaa	aaaaangnt	tttttttttg	ggggaaaaaa	60
nnggggccgt	ttggctnngt	ggaaaaaacc	cccctttttt	ggggggaaac	cnnttttcgg	120
ggngaaaang	nnncncngng	ggnnngnngn	nnnnnggggn	nnngaggggn	nnnnnggnnn	180
nnngnggnnn	ngngntnngn	nnannngngg	gngggngnga	ntttntttgn	nagngggagg	240

gantttnttng	gnngtttttt	ttgncgnncg	gggnnggntn	gggnagnggg	gggagaggga	300
ggggnggggn	cgngggngga	ganagnaagg	nagggngngg	angcgtgggg	tngngggann	360
gggnnagann	aggcggnatn	aggngggngg	gnngggangan	gggggagngn	gggtagnagn	420
ggggngnggn	nngngngngg	gagggnnngc	gnangggacg	ncacagnggg	gggtcaannng	480
ngangggann	tgnggaatgc	nggnngggcn	cgggggcngn	nnggagnggg	gntgggacag	540
ggtgnnggan	gccannnagg	ggnggggggn	ngccgagngc	attnggtagc	angnnnggcn	600
nttcgggggg	ngccnnnngg	tnantgacgc	gngcgggggg	ngnanatnca	ngggggnnagn	660
gnggggaang	gcncncngng	tntggggggg	ganccnntga	gggggngnna	agnagggggg	720
ggaagncngc	caannngtg	ntncnggggn	nnangnggan	nnnggggggg	gannngngncg	780
ggngangggg	ggggaaccnn	gtnnnnngaga	agnccnntgn	angntgggag	ggncngggnn	840
cangggggng	gncanggggn	gnnaanantg	cnnngggggg	ngnggaggat	ggcngggggag	900
cntggggana	gatgggggan	nnnagagcgn	ngnagnngtg	tgngggggng	gngatnnaga	960
gngtnnnggg	gggnngggng	gggnnganng	agnanggggg	gnnaaaagnn	anagggctan	1020
tggggggggg	nngannggna	aagagggggg	gggggggggn	ganannngng	cgagngngnn	1080
ggnaaanggg	gngnaagggg	ngntgnnnng	gggganaggg	gggntntnng	ngnngtancn	1140
tngggaannn	ggggggggag	ngngcagaag	nnncgggggg	gnngtgnaaa	angaaantgn	1200
gggggggnan	nnacaggggg	gnannaggna	ngggggcnc	ganagctang	gagggggnnn	1260
nnngngggtg	ngggggngan	ngggagaana	gggggggggg	tngngnaagg	gggggggnnaa	1320
naggggggga	nnaaaaagag	tnnggggggg	nagaannngn	aggggggangg	ggngaggngg	1380
ggatgggggg	gggggnncacn	cannaccgcg	n			1411

<210> 4416

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4416

gnctttttacn	aatgcttggc	tacttgttct	ntttgcagga	tcccatcgat	tcgnattccg	60
nacanngggc	atacttgntg	ccttccangn	gnactntcac	caangtntct	ggcgtaacnc	120
gtmnagancn	gcntgaccgc	acnccatcgt	nangngcagn	ngtgccttgc	tnctgngaann	180
ggggccaaagt	ncggtntgtc	atgcctntga	tnccacnact	gnnggaagct	gatgcangcn	240
gatnacttna	ngtcatgant	tcnanaccag	actngccaac	atggtgaaac	cntatnttta	300
ctatanacaa	gagtagatcg	anngtggng	ngcacactt	gtaatcnag	ntactcnaga	360
tgctgntgcn	naatanttgn	ttnnactctg	gagatngang	tngnantgan	ccaaaatcgc	420
nccnctgngc	tccaacctgn	gngacanagt	aagaccctgt	ctcataacaa	acaaaatata	480
actcnagcct	ntanaactat	agggaagtcn	ggattacntn	natccngnca	tgatanggat	540
acatcgattg	antttgnaca	nncnacaact	tggattgcag	gtgaaaaaaa	tgcttntatt	600
ttgtgaaana	ttncagtgct	attgctttta	tnttgtaacc	nattataagc	ttgcaaatta	660
atcatgttta	ancaacaacn	ngnttgcat	catnttatgt	ttcaagtttn	aaggnggaac	720
ggtntnggna	agggtttttta	antatggcgg	tccggcgngg	tccaannn		768

<210> 4417

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

```

<400> 4417
tcnnnctttt taaatgcctt nggnnnntccc tttctaating cttggctact tgttcttttt 60
gcaggatccc atcgattcga attcggcacg agggacaata atggccgctt tcaaggtgtg 120
gattttggct ccttgagcct gtctgagcga ggggtggcag cgccggcgcc ccagaatccg 180
ggacagaagg gtcccaagag tcgcgcttgg tgagagaaat cccagatcct gtgatggggg 240
acaccagtga ggatgcctcg atccatcgat tggaaggcac tgatctggac tgtcaggttg 300
gtggtcttat ttgcaagtcc aaaagtgcgg ccagcgagca gcatgtcttc aaggctcctg 360
ctccccgccc ttcattactc ggactggact tgctggcttc ctgaaacgga gagagcgaga 420
ggagaaggac gatggggagg acaagaagaa gtccaaagtc tcctcctaca aggactggga 480
agagagcaag gatgaccaga aggatgctga ggaagagggc ggtgaccagg ctggccaaaa 540
tatccggaaa gacagacatt atcgggtctgc tcgggtagag actccatccc atccgggtgg 600
tgtgaaccga agagttttgg gaacgcagtc cggcagaaaa aaccggaacc ggcgggaaca 660
tggtgtctat gcctcgtcca aagaagaaaa ggattggaan aaggagaaat cgcgggatcc 720
nagaactatg acccgcaaga agggacnaga nattaaccgg gattagaaag taggcacanc 780
nt 782

```

<210> 4418

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

```

<400> 4418
ggngntttta tcagctcttg ttcttttgca ggatccctcg attcgaattc ggcacgaggt 60
gacgggtgaa gcagatgttg agtttgctac tcatgaagaa gctgtggcag ctatgtccaa 120
agacagggcc aatatgcagc acagatatat agaactcttc ttgaattcaa caacaggggc 180
cagcaatggg gcgtatagca gccagggtgat gcaaggcatg ggggtgtctg ctgccaggc 240
cacttacagt ggcctggaga gccagtcagt gagtggctgt tacggggccg gctacagtgg 300
gcagaacagc atgggtggct atgactagtt ttgttaggaa catttgagtt acttcaatca 360
ttttcacagg cagccaacaa gcaattaaga gcagttataa tagaggaagc tgggggaccc 420
attttgcaac atgagtttgt gaaaaatctg gattaaaaaa ttacctcttc agtgttttct 480
catgcaaaat tttcttctag catgtgataa tgagtaaact aaaactatatt tcagcttttc 540
tcaattaaca ttttggtagt atacttcaga gtgatgttat ctaagtttaa gtagtttaag 600
tatgttaaat gtggatcttt tacaccacat nacagtgaac acactgggga gacctgcttt 660
ttttgaaaaa ctcaaangtg ctacttctcg attcaaagaa atattctcat gttggtcatt 720
ctagtttata ttttcattta aaatcct 747

```

<210> 4419

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

```

<400> 4419
gnttnnttcn tttcctttca atncttggct cttgntcttt ctgcaggatc ccatcgattc 60
gaattcggca cgagcagagc tgtgatctgc ccccgaggat tctgaccccc aaactggctc 120
tcaaccatgt ttacatgatg aaaagaagag gtgactgttg tatcagctct aaaggcctca 180
cttttgggtga aatgggacct aaatttgatt gcatacttga ttacttgctg tcaatactga 240

```

aattggcact	tcataatttt	aatactattg	aacttttcacc	ataaccctgt	cctataaaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaagt	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgctt	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agctttgggt	720
ttgcttanat	taagtcaa	gccgtann				748

<210> 4420

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4420

gnttnnttcn	tttcttttca	atncttggct	cttgntcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccaggat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240
aattggcact	tcataatttt	aatactattg	aactttcacc	ataaccctgt	cctataaaagt	300
tgacttgcaa	atgaagaaac	tctatctctt	caatattata	aaatatatcc	aagagtcaca	360
actagtgaga	aaaggacagg	atctaactaa	caatgtgagg	ctgtgtcttc	acaccaattc	420
aacagagtat	cttgtaaagt	ttgagaggag	angtacttta	ngtcatgggg	tgtctttcaa	480
taaagtgctt	tagaaaacag	gtgacaactg	attgggcctt	gaagtatgaa	tggatttagc	540
caggcaatta	aataggaaag	cagatactca	agacagatta	aaacagcttt	gagagaagtg	600
aaatgagcaa	gtgtaaagac	aattgatact	gnncatggat	tttagaaagt	gtgaagtgga	660
gtgattgtga	tgaaancttg	gaaagattgc	cttggggccaa	ggctgttgaa	agctttgggt	720
ttgcttanat	taagtcaa	gccgtann				748

<210> 4421

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4421

ggnttattcn	ttcctncnaa	tncttggcac	ttttattctg	eggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gngnncctaa	120
cacttttnng	cagttgtgct	tnanctaagt	ggctaattgn	tttnaanntn	gngntntcn	180
anttaacntt	ttcttttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	nttttnatnc	ctanctcnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttcntca	ncacctattg	tgncctnngc	gnannatnnt	ttacncntgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgtg	tccacanaga	natatttttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgtc	ttnaatattt	600

tatnctacta	antgatntct	tggnagnngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcncntat	aatatnnggg	anaatttgtg	cnncttttat	720
nttctctata	ttanacatnn	atattggggg	nannnttacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncacn	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatgngcac	naaaatactc	tatatgtntt	tgcntttacna	acancactat	tnttatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnacaa	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tggtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcanaanant	atgnctcaat	1260
gtanatcntc	ctcactcgng	nttttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantncnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatatgngg	tancatttcn	tcncnct				1407

<210> 4422

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4422

ggnttattcn	ttcctncnaa	tncttggcac	ttttattctg	cggatccctc	gattcgaatt	60
cggcacgagg	gctanctggc	ctcgtngnac	tattgtatgt	ttgnngncct	gngnncctaa	120
cacttttnng	cagttgtgct	tnanctaatt	ggctaattgn	tttnaanntn	gngnntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnanncnt	atttttnaaa	nnnngacacc	300
tnnngatcaa	tntgntnaan	ntttnnatnc	ctanctcnnn	nagnnttttn	nnaancttcc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatctcn	nntgcnnntt	tgngccanca	420
cnnttctntc	ncacctattg	tgncctnngc	gnannatnnt	ttacncntgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgctcataac	ctntagtgt	tcacacanaga	natatttttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgtc	ttnaatattt	600
tatnctacta	antgatntct	tggnagnngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcncntat	aatatnnggg	anaatttgtg	cnncttttat	720
nttctctata	ttanacatnn	atattggggg	nannnttacn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncacn	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngcttncn	900
atatgngcac	naaaatactc	tatatgtntt	tgcntttacna	acancactat	tnttatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnnctctn	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnacaa	gtncntnnta	tannatanat	tngtncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tggtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancttc	tcanaanant	atgnctcaat	1260
gtanatcntc	ctcactcgng	nttttctgtc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantncnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatatgngg	tancatttcn	tcncnct				1407

<210> 4423

<211> 804

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4423

ggttanttcn	tttcctttca	atccttggct	acttggttctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncgnggaggc	ctncgcggca	tctggnnncn	ttggnatctg	nttngcngnt	120
ngagcgatnn	tcggctgttg	tggacacgcn	tttnangctt	ctgttggtgca	tntannttga	180
ttcacatngn	cttacacant	gcctggganc	tgtctnntag	gctaatagcna	cttncacatt	240
gggagataca	cctgctgata	gtggnnnatn	gacncnctga	nttaangtgn	tggannngat	300
nngtnttttn	anngnntggg	nnaaactnnt	cntattcnncn	tgatggnnact	ttggatcnca	360
ctnctgaggg	anactngtna	tggagcnanc	tngggcnggn	gnaccnctt	nttttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnctgga	tatcngcntc	tgnnttantn	480
acttccaccc	anagcatnat	angacctcng	acttancng	ngtcnnagcc	ttctganatn	540
nggntctgaa	gnctgntngg	ctnccttann	nnccctntt	gagnatnatg	atnnaacncg	600
gctttggng	gttccactg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660
cntcttgcaa	tttgggaagg	aantccnttt	tntncngctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantntt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4424
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4424

gnttnncncc	tttcaattnc	ttggctactn	gtctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gaggatctgc	cttctgagga	agtggatcac	gagctgattg	aagacagtca	120
gtgggaagaa	atactgaagc	aaccatgccc	atcgcagtac	agtgcattta	aagaagaaga	180
tctcgtggtc	tgggttgatc	ctctgggatg	aaccaaggaa	tataccgaag	gtcttcttga	240
caatgtaaca	gttcttattg	gaattgctta	tgaaggaaaa	gccatancag	gagttattaa	300
ccagccatat	tacaactatg	aggcaggacc	agatgctgtg	ttggggagga	caatctgggg	360
agtttttaggt	ttaggcgcc	ttgggtttca	gctgaaagaa	gtccctgntg	ggaaacacat	420
tatcacaact	actcgatccc	atagcaacaa	gttggttact	gactgtgttg	ctgctatgaa	480
ccccgatgct	gtgctgcnag	taggaagagc	aangaaataa	gantattcag	ctgattgaag	540
caaagcctct	tgcttatgta	tttgcaagtc	ctgggttgtaa	gaaagtgggg	ataccttggtg	600
cttcagaaat	tattttaaca	tgctgntggg	aggcnanntt	taacccgata	tcccatggg	660
gaatgttctt	tcaantccca	naagggtgtn	aagcatatga	acttttctnn	gagtcctggc	720
ccactgtgga	attatgacta	ctatgcanc				749

<210> 4425
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = A,T,C or G

<400> 4425

tcnaatnctt	ggctcttgnt	ctttntgcag	gatccctcga	ttcgaattcg	gcacgagntn	60
gagctggaca	ctnagncaca	gtttagagtn	ttgatatatn	actngaaaac	agtancattn	120
ccnaanaccn	atnaccceca	ccctgtccna	angaatgatn	gntatgnatg	tgaagttnat	180
ntntngactc	ngatnatnac	nttccacttn	ggatgcacaa	ccatgctgnc	ctgtacagaa	240
gtcacangtn	ttgtgagaat	ttntaaactg	atgatgtgna	ttnncatggn	aacatgagtc	300
tacattttac	cttcnatagt	agcnatgaat	cacaatnacn	tctttgttta	taggttggtg	360
gaaaantaat	tgctgttntg	ccattgcttt	taatggctgc	cacaactact	ttngcacnan	420
cctaataattt	attaanactt	tnctttctng	anacacaatt	nctgaaanng	ggattnatgt	480
gctgagnctc	taaggacctt	gatantnct	ngtatnnntn	gttgaatggt	gnanaatatt	540
tcatnactac	tcaantgatg	gtncatgat	ctggggaggaa	gcctncttna	gcatnttanc	600
canattgncc	agggtttcna	gganaagctc	aaagcctgtn	angataccna	tggggacccca	660
ccnggtgna	anggcctnnt	gtcttncggg	gactttgagc	ttaattttcc	cangnaaaaa	720
anggctt						727

<210> 4426

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4426

cctttcttga	aacctttggc	nacttnctct	ttntgcagga	tcccatcgat	tcgaattcgg	60
caagaggagg	atctgccttc	ngaggaagtg	gattnagagc	tgattgaana	cannnantgg	120
gaagaaatac	tgnagnacc	atgcncatcn	cantncantg	ctnttaaaga	agaagatctc	180
gnnggtctgn	ttgatccctt	ggatggaacc	anggantata	ccgatggctc	ncttgacaat	240
gtaacaggtc	ttattggaat	tgcttatgaa	ggaaaagcca	tagcaggagt	tattaaccag	300
ccatatnaca	actatnaggc	aggaccanat	gctgnnttgg	ngaggacaan	ctggggagtt	360
ttaggtttan	gngcctntgg	gttncatctg	aaagaagncc	ctgctgggaa	acnctttatc	420
acaactactc	nattccatag	naacaagacg	gttactgact	gngttgctgc	tatgaaccen	480
gatgctgtgc	tgcnagtatg	aggacaggan	attngattat	tcagcttatt	nanggcaann	540
actctgntta	tgnattttgcn	agnnctgggt	gtnagaattg	ngatacttga	gctccagaag	600
ncattttacat	gctgtnggag	gcangttaac	cgaatccatn	ggnatgttct	tcagtcacc	660
aangatgtta	accatntgaa	ctctggatga	gtactgccac	nctgaggatt	atgactactn	720
tgcaagccca	nnacatgngn	gagccccctn	ctt			753

<210> 4427

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4427

tttgnaaanc	cctttctggt	gttcaccgga	aacncttggg	aaattcccat	agctncangc	60
annnantgcg	atggcgctgcg	cctgtagtcc	caggtagctcc	ggaggctgtg	gcagattttt	120
ggcttattga	acacaggcag	nttggtggcca	ttcagcaagg	agcataatgc	ccctgtnggt	180
ggtgatagt	aataagcaat	cagtgcagnc	aataagnata	taattngagt	taatgcatgn	240
cnaatgattc	cngtcccttg	ttgaatgtgg	attntntat	ctcantncca	atacatttnc	300

tacaaagcca	agtgccattc	cctggaattg	gccnatagca	atcnggaatg	tnnaccatng	360
gattcactca	ctggcagntc	aagtctgtga	acaccatgaa	ggttaatcaa	catgaggggt	420
taaagccaac	tttataggct	tgctatatnn	nccttcctgg	tcagcaatan	agcccattcn	480
cnggagcttc	cngnggggat	gactcgtccc	agngaattct	cctattaagn	naaccnanng	540
gnttaactgn	agaaaaggct	tnccgtnatc	tntaagatcc	ttttggaaac	cacntttant	600
ctaccctggc	ctncaagntc	caatttggan	agacccgnc	atnnancctt	tggangaaat	660
ncccaatncc	aggaaaccca	atggccaaaa	cccctnttnn	aaggnnnctt	naacaagccc	720
agggaaaacc	naattncccn	aaanattggg	gccnntnnnn	gggggggggn	aaaaaggctn	780
naaactntcc	cnaacttaaa	acaaangncc	ccttgggnnt	ntcaaaaaaa	nggggcnttt	840
nggaanggaa	aangganccc	cna				863

<210> 4428

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 4428

nntttactnc	cttttcccc	tctntttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
cagaacngat	ccagacanaa	antgtntgca	ttttaccttn	tttcccnenc	caattcttct	120
tngtaganga	nagtancgtc	agatgntctc	tgncgancc	nnnctcngtt	gnacatngcc	180
tatnctcctt	tnagatntan	atgganattt	gcttatgact	tgtgttgnat	aacgaggtan	240
aaanattgct	gtcttctctg	acatncctcc	tcaaaganat	cattaatgta	tgatatctaa	300
taaaccanct	antgcatgta	acagtgatca	gcaaattaat	anatnanacc	tctattcatg	360
cttaaattat	caaagntagt	atttnaatga	natgtgctat	tttcattaaa	atntntggca	420
ccatcgagna	tganacttac	caattgcanc	nnaggnantg	agccctnaen	c	471

<210> 4429

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 4429

nggggtataa	annnnntttt	nngaatacag	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgcanngg	ngcncgnnat	ntgntngncn	atngaactgn	cnnngcacat	caatatnngt	120
gggnttnenc	natctntcat	nnantgtgna	anacagatct	gacttgggta	tgttngagtg	180
accctganca	atgnnnngnag	acggntaggg	gtacacggag	cacacattcg	tcacaaattc	240
tatnggtgca	tnttttgcaa	gggncgtttc	caggggtgctt	attancgann	gcaaagggta	300
cttggcaatt	gcaagatttt	ncaatgagcc	ccaagnaatt	cntngancga	attgcattgg	360
cacccaagg	tttnaggaaa	agatnggnaa	anccanttac	cttcnaattt	ccaaccttgn	420
nattttgacc	ttggantggg	tttaannaan	accccagggt	agttacccaa	cntnngggcg	480
antttncnaa	agtnccccna	tcccttaatt	ccaccaanna	anggnnttaa	aanaatggcc	540
taatttcggg	cgagttattc	gaagaataat	cgcttantng	tggtncaaaa	cttacattac	600
tcaatggaaa	cattcaccca	attttngaaa	gggaatcttt	aattcggcct	ggcattaaat	660
ccggagntgt	catgggcttt	cngaattcaa	atgaaanngg	ttatatctct	ggggngcaag	720
atcananttg	acganaccca	atggaangat	ctactgatag	gcangttacc	atcactggaa	780
tctgntgcc	gcatttagcc	tggctcaata	tctaatacaa	tgtcaaggct	tttnccttgg	840

gaaaacgggt	tggcattggg	ggagcaactn	ggaacaatgc	agattcaatc	cattaatccc	900
ttttctgggtg	ttcaacaacc	aaccattga	atccatctgg	ggtaagtttt	cttgaacaa	960
gtcancngaa	nttccn					976

<210> 4430

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (765)

<223> n = A,T,C or G

<400> 4430

tnnnnctttt	ctaattgncc	cctnattngc	nggttccaat	nnncanngaa	cgatcccatn	60
gattcgaatt	cggcagcagg	tttttttttt	tttttttttc	agttccagtt	ccactttctt	120
tttattttaa	taaccgaagc	aacagccgtg	gcacagcaga	gggaagctgg	gttggggcgt	180
gtganangtg	gcagcagnt	ggcctgatgg	ggggactang	tcacagtga	ctccccacac	240
gcctntcagg	ttcagcagtc	atggccatag	gattgggagc	actacggagg	agccatcagt	300
tagtgatgtc	tctccaagtc	ccanagacct	tagggacggg	agctaagtca	gctccctcaa	360
gtagcagggc	cagggcatcc	cagtcagggg	tcacggggcc	cggaaggcat	tttcagcagc	420
cccagcggct	gcattggcag	ctgcgggttcg	caccncangg	ttggagaaga	caccancagc	480
aaattcttgc	tgggccttct	naaagctggc	acctgtgcgg	cggataaagg	agtggatccc	540
gtttcagcat	gacaattcct	agcacagcaa	tgccantgaa	gagcagggcg	accagcacat	600
gagcacccgat	actgcttggt	ttgcccttcg	gcaccaccan	agcagaatat	ccaccctgaa	660
tnccaacctg	ggatncaatg	gcctgaggac	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaagcctt	tacat		765

<210> 4431

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (739)

<223> n = A,T,C or G

<400> 4431

gcttcaatnc	tttctaattc	ttggctaccg	gntttctgca	ggatccctcg	attcgaattc	60
ggcacgagag	aaaaacaaca	gagagaaaaa	gaatacctga	gatatgtaga	agctttacga	120
gcccaaattc	aggagaaaat	gcagctgtat	aatattactt	tacctccact	atgctgttgt	180
ggtcctgatt	tttgggatgc	tcattcctgat	acctgtgcca	acaactgtat	tttctataaa	240
aaccacagag	catatactcg	ggcactacat	tcattcatca	attcctgtga	tgtccctggg	300
ggtaattcaa	ctcttcgagt	cgcaattcat	aattttgctt	ctgcacacag	gcggactttg	360
aaaaatctat	aataagaatc	tgaaattaac	tggtagtatt	ttggctttta	cttaaaaatca	420
tccctgagag	agtattttaa	gaaaagctgt	tcaagttata	aaatatataa	tctggaaaga	480
aatactgtct	catataataa	ttagattgta	atcattgntt	taatctctgt	ctgggaacca	540
agattgaaag	ctgacttact	tctctcttct	gtcttgtgaa	ccatacggag	cctattatth	600
taaaatatga	tcagaccagt	aaggcttctc	ttactttgct	ctggctctgg	atcaggaaga	660
gctcatgtga	aagtctttga	gaatctctta	tttatcatct	ttctaaaact	gngtttttga	720
gcctggacag	tnctgaaaa					739

<210> 4432

<211> 1006

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1006)
 <223> n = A,T,C or G

<400> 4432

tatcttttct	aaaangnccg	taantgcntg	gttttaattt	ccttggaang	ctnacntgcg	60
ttncgnattg	ggagncaggc	ctcatcagga	ccctgntgac	tcgnggcgcg	ggagctggna	120
gccaggtct	ncngcccttt	ctctggcttc	cttggnntgc	ctgntggggg	aagggnagga	180
ggagattaag	gaaangnaag	atgttccacn	ntagantgat	gaggtctacc	ggtncaagac	240
catcncttaa	nacgagnatc	ccnancctnt	gcctnnncca	aatgtnanct	cctnncaactn	300
ggcnccnagt	tatnagcccc	tengaannnt	gtnacagccg	gacgtcttan	tnctttctgc	360
tcaangatgc	tcnaacncan	ncttnnattt	ggttgncnga	nnntgcggga	tnnngcncn	420
natacnnnn	attgnntn	cttaantgg	tcttntgncc	ccctttnaat	cccttccant	480
ttgaantcct	tntgtggntt	anaacgnntt	nnngaattaa	tancnncnt	ataccattan	540
antattggta	cacnccttgn	nttaccaaa	ttncactgg	gacttttgg	natattaaaa	600
ggntatntnt	ttatnatn	ctccctattg	gggncnaat	tcgtatttan	agccttaaaa	660
ctcnctcttc	tattntatan	accnctnccn	ntattntant	ctncccaaan	tttatataac	720
gncnaancct	atcatntatt	tctngcgcat	ttccnngatt	ttnnataanc	atntntcatn	780
gggttataaa	ncctnngntn	aantgtnnnt	ntctntncna	nnnttntnt	nntaattttc	840
aantgtaccc	natnatnnnn	ncnaanaacc	ttntgttnac	ccngtttcna	nancnntttt	900
tgnntcccat	ttanctcann	nggncttcnn	ttaancann	ctggggnta	atntnnggga	960
nnnctattt	ntntgatntt	taaatagtat	antngnataa	caannt		1006

<210> 4433
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 4433

nanccttaca	agctacttgt	tctttgtgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aaangnncag	cantgangaa	tgtnttttgg	ntttggagcc	acattanac	ngnaancctc	120
atgactatat	ccantgtncn	ctcccancag	canatngang	ncatgcatgc	ctcttttct	180
aactananan	anaacnntgg	gtcnngann	ctgngttaca	tcccannngc	tttnatattg	240
cctcatggat	tcattggaaa	tacacgtgna	tacacaaaant	cccanatnng	tcttgcattn	300
tattttngan	gcnngtctct	ncaatannca	nnntnctntn	ntnaaagatt	atttgangna	360
acctaaggtc	cgtgagctct	tnctntaact	tattgatgac	nnataagnnc	agcattttcn	420
ntcnactgt	cntnannnac	ctgntggnat	cagcntcant	gtctnggtng	nacg	474

<210> 4434
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4434

tnnnnnttttg	aaanttttttg	aaatcnctgg	nttctaantnt	tnggcacgat	cccatcgatt	60
cgggggatggg	cctatgattg	ttcatgatga	gcatggagga	gtgtcggcag	gaactttctg	120
tgctctgaca	acccttatgc	accaactaga	aaaagaaaat	tccgtggatg	tttaccaggt	180
agccaagatg	atcaatctga	tgaggccagg	agtctttgct	gacattgagc	agtatcagtt	240
tctctacaaa	gtgatcctca	gccttgtag	cacaaggcag	gaagagaatc	catccacctc	300
tctggacagt	aatgggtgcag	cattgcctga	tggaaatata	gctgagagct	tagagtcttt	360
agtttaacac	agaaaggggt	gggggaactc	acatctgagc	attgttttcc	tcttcctaaa	420
attaggcagg	aaaatcagtc	tagttctgtt	atctgttgat	ttcccatcac	ctgacagtaa	480
ctttcatgac	ataggattct	gccgccaaat	ttatatcatt	aacaatgtgt	gcctttttgc	540
aagacttgta	atttacttat	tatgtttgaa	ctaaaatgat	tgaattttac	agtattttcta	600
agaatggaat	tgtggtat	ttttctgtat	tgattttaac	agaaaatttc	aatttataga	660
ggttaggaat	tccaaactac	agaaaatggt	tggttttagt	gtcaaatttt	tagctgnatt	720
tgtagcaatt	atcaggtttg	ctagaaatat	aacttttaat	cagt		764

<210> 4435

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4435

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tgcgatcgcg	cacttttttg	atcggcatct	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtataac	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcacaactg	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatat	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgtctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctggtt	ggtttcttta	atcaccccca	720
aaggtcgcca	taatanttat	ttgcccc				747

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tgcgatcgcg	cacttttttg	atcggcatct	agtctttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtataac	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggg	tgcacaactg	aaacagcttc	aggcagaaac	300

agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatat	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatcct	tattttttta	gagtgcctgg	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatcct	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagttcttc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggtttcttta	atcaccccca	720
aaggctcgca	taatanttat	ttgcccc				747

<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437

gnttaatgcc	tttcnattgc	ttggctctcg	atctttctgc	aggatcccat	cgattcggtc	60
ctacccaaac	ctgtggccgc	cacttttgaa	ttctcagatt	gccctgaatt	ttgccacttt	120
taataaatgt	gctgaataag	ctcagcaact	aaaaaccatt	acccaagaac	gtttcttgtg	180
agtgagctga	ttattctga	ttcattatat	tccttttggg	agattttata	cccttggggg	240
aaataataca	acaaaaacat	ctcttaaaaa	tgctgggatg	gggccatata	tactagcaga	300
ggccagatgg	tcagatatga	tttctgcaaa	cccatcttga	ccttgagtat	gtgaaggggt	360
actgtacttt	attcctgata	cattttgggt	tccatgtagg	tggtgagctc	ctggntttct	420
gtgtttggat	gatgaagatt	tggacccttc	cattcataat	ccctttctaa	gtgaagggag	480
aggctggctt	ggctgntcct	tgntattccg	aaagccctgg	tttggggccc	atgttcacac	540
tggctctcag	tctagtcagg	tgcaatgttc	ttgagaggtg	gggacctaat	tattaccaga	600
gtagcancaa	gagaggaaac	gttgatgaatt	aagtattcaa	ttnaaaaagg	aacatgattt	660
ctacctgaaa	aaangnanan	gnncctnnct	tgattanctt	cntaatcctt	nnnnatnnaa	720
ncnntcctna	annantttta	t				741

<210> 4438

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4438

ggttanttcn	tttcctttca	atccttggct	acttgttctt	tctgcaggat	cccatcgatt	60
cgaattcnnn	ncgnnggaggc	ctncgcggca	tctggnnncn	ttgnnatctg	nttngcngnt	120
ngagcgatnn	tcggctgttg	tggacacgcn	tttnangctt	ctgttggtgca	tntannttga	180
ttcacatngn	cttacacant	gcctggangc	tgtctnntag	gctaatagcna	cttnacacatt	240
gggagataca	cctgctgata	gtggnnnatn	gacnncctga	nttaangtgn	tggannngat	300
nngtnntttt	anngnntggn	nnaaactnnt	cntattcnncn	tgatgnnact	ttggatcnca	360
ctnctgaggg	anactngtna	tggagcnanc	tngggcnggn	gnaccnncctt	ntttttagaa	420
natgaaatca	tacatctgng	ngnntcagtg	ntnnnctgga	tatcngcntc	tgnnttantn	480
acttccaccc	anagcatnat	angacctcng	acttanceng	ngtcnnagcc	ttctganatn	540
nggnctggaa	gnctgntngg	ctnccctann	nnnccctnnt	gagnatnatg	atnnaacncg	600
gctttggngg	gttcccactg	atntgacact	gnctangcaa	gatncccaan	gatggcgant	660

cntcttgcaa	tttgggaagg	aantccnttt	tntncngctt	gntagnatng	ccttnnnnat	720
aaccttgctt	tgaantntt	taaccccnnt	aatccagntt	ngannttgct	ttaggtaaaa	780
nccaattgca	ntcgnnanan	ancg				804

<210> 4439

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4439

gnnnnnnntt	cccctttcta	atcncttgga	nntcgctctn	tntgnangat	cccatngatt	60
cgaattcggc	acgagagaaa	cacaggtgtc	gtgaaaacta	cccctaaaag	ccaanatggg	120
aaaggaaaag	actcatatca	acattgtcgt	cattggacac	gtanattcng	gcaagtccac	180
cactactggc	catctgatct	ataaatnngg	tggnnctgac	aaaagaacca	ttgaaaaatt	240
tganaaggag	gctgctgaga	tgggaaaggg	ctccttcaag	tntgcctggg	tcttggataa	300
actgaaagct	gagcgtgaac	gtggtatcac	cattgatatc	tccttgtgga	aatttgagac	360
cagcaagtac	tatgtgacta	tcattgatgc	cccaggacac	agagacttta	tcaaaaacat	420
gattacaggg	acatctcagg	ctgactgtgc	tgncctgatt	gttgctgctg	gtgtnggtga	480
atttgaagct	ggtatctnca	agaatgggca	naccnnaaag	catgcncctn	tggcntacac	540
actgggtgtg	aaacaactaa	ttgtcgnggt	taacaaaatg	gattcacttg	accaccctan	600
agggcngaag	agatattgan	gaaattgtta	aagggaagtca	gcacttncat	taagaaaatt	660
ggcctacaaa	tcnnganac	aataancatt	tgtgccaatt	tnnggggttg	gaatgggtga	720
ccaacattgc	ttggagccca	agtgnttaac	aatgccttng	gttnaaaggg	antggaaaag	780
ttacc						785

<210> 4440

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4440

ngatatcggg	cgctgagggg	ccaagtggga	ggcctngnna	ggtgtggagg	tggattccgc	60
tccgggcacc	gatctcgcca	agatccctnag	tgacatgcga	anccaatatg	aggncatggc	120
cgagcagaac	cggaaggatg	ctgaagcctg	gttcaccagc	cggactgaag	aattgaaccg	180
ggaggtcgct	ggccacacgg	agcagctnca	gatgagcang	tccgaggtta	ctgacctgcg	240
gngcaccctt	cagggctctg	agattgagct	gcantcacag	ctgagcatga	aagctncctt	300
ggaagacaca	ctggcagaaa	cggaggcgcg	ctttggagcc	nagctggcgc	atattcaggc	360
gctgatcagc	ggtatttgaa	gccccacttg	ggcgatgtgc	gaagctgana	gtgaacgggc	420
agaatcagga	gtaccagcgg	ctcatggaca	tcaagtcgcg	gctggagcan	gagantgccca	480
cctaccgcga	gcctgcttag	ggacagggaa	gatcactaca	caatttgtct	gctcaaggtc	540
tctgaggcag	cagctctggg	gcttttgttg	tccttggagg	tgttttctgg	tagagggatg	600
ggaaggaang	gacccttacc	ccgggttttt	cttgactgca	ataaaaattat	tgggcaagga	660
aaaaaaaaaa	aaaaactcca	gccttanaac	tatannngnt	cggnttctta	aatccagaca	720
tganaanana	nattnttngt	ttggacaaaac	ccaacttnaa	tgcnatggaa	aaaatnnttt	780
tttttnnaa						789

<210> 4441
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4441

ggnnnnnnncnc	nntttttncn	cncncncnc	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ncccccccc	cnttttgcna	aaaaaccccc	cttttggcna	aaaaaacccc	120
cttttgggga	aaaaaaancn	ttncncncn	cnccanacn	gnnnnnncan	cccgannaan	180
naggnnnncan	nannnnnnnn	nnngannan	nnnccncnn	attatttttn	nnnnnncna	240
nnngnnnnan	annnnncann	aaannannna	nnnncnnttn	annnnnannc	annnnncnag	300
nagngnnnnn	ncannanaan	nnngnnnnnn	nanaancaac	nanaannngn	gngggnannn	360
annnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngncnnan	nannanannn	ganannannaa	naccaannnn	nnnancnnaa	nncannannn	480
ncnngaggnc	ccccncncn	ccanancaga	agaagacan	ganannnnan	ccagaangan	540
cncanannac	aanacaaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaanngc	nanacnagga	cganngcgac	aaacnacnc	nagacatana	660
caacanacaa	nacanacnaa	canaanannc	naacannaaa	cagaacaaga	cncagncaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnanagnnna	aaaangaagc	aanacgana	cnnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaan	ancnccacna	acancngnac	960
acacacacan	nngnganaaa	canaccgna	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgacnngng	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc	1320
gacannngga	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnaccnc	1440
gaccccaacn						1450

<210> 4442
 <211> 1450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1450)
 <223> n = A,T,C or G

<400> 4442

ggnnnnnnncnc	nntttttncn	cncncncnc	acattcgaaa	aaaaccccc	cnttttgggc	60
ccaaaaaaa	ncccccccc	cnttttgcna	aaaaaccccc	cttttggcna	aaaaaacccc	120
cttttgggga	aaaaaaancn	ttncncncn	cnccanacn	gnnnnnncan	cccgannaan	180
naggnnnncan	nannnnnnnn	nnngannan	nnnccncnn	attatttttn	nnnnnncna	240
nnngnnnnan	annnnncann	aaannannna	nnnncnnttn	annnnnannc	annnnncnag	300
nagngnnnnn	ncannanaan	nnngnnnnnn	nanaancaac	nanaannngn	gngggnannn	360
annnnnnng	ngnggcacnn	nnanacnaac	anacnnnann	nananannaa	nacannnana	420
cngncnnan	nannanannn	ganannannaa	naccaannnn	nnnancnnaa	nncannannn	480

ncnngaggnc	ccccncnca	ccanancaga	aagaagacan	ganannnnan	ccagaangan	540
cncanannac	aaanacaacn	anacnaanaa	caaanaanac	aacanaanna	anggcnnaaa	600
nnnnncaaac	anaaanngc	nanacnagga	cganngcgac	aaacnacncc	nagacatana	660
caacanacaa	nacanacnaa	canaanannc	naacannaaa	cagaacaaga	cncagncaga	720
cngnancann	ncncganacn	cnaacaacaa	ncngccaann	ncanaancaa	ananacncac	780
anaacanana	cnaagnnna	aaaangaagc	aaanacgana	cnnanannng	aagnanncac	840
ncacanncna	nagcaccgac	anagnganan	gacanganag	annnaancca	acaanngaac	900
aaagacncgg	nagnacaccn	nacnnaagaa	agcaacnaaa	ancnccacna	acancngnac	960
acacacacac	nngnganaaa	canaccgnna	acaanacang	ncaaacgnan	acnaagcaca	1020
nnncnnacaa	gcgaacnngg	aaagacaacg	acacancaga	nnacgacgaa	nngancaang	1080
nanagacgaa	acacgnaccn	nggaaannca	aagnaacang	cacncacacn	ngacnacaaa	1140
canannncga	cganacgnaa	agaacgngna	cncgnanann	ggnacacaaa	cnaancacaa	1200
cgaacgacan	agacgcanc	acgcncacan	ngcccnanga	nanncgagca	cncagncgac	1260
gncgnananc	acgccacaca	ncnaacanta	aannnggann	nagacancng	gnggagantc	1320
gacannngga	cacagaacac	anacnncann	ancaccnnnc	ganacaacaa	cnagcgnaca	1380
cnacgaacac	anacancaca	ccaacacgna	caacangnac	aacnnagacc	nacnaccnc	1440
gaccccaacn						1450

<210> 4443

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (775)

<223> n = A,T,C or G

<400> 4443

ccttggnnag	nngccccctt	naaanccttt	gaaaaccctt	ggcaaangcc	ctnnncngnnn	60
gateccatcg	attcgaattc	ggacgaggag	aggatcactt	gagcttagga	gttcaaatec	120
agcctgagcc	aacataacaa	gactttgtct	ctaaacaaaa	cagttattgt	ttaaagaatc	180
tgaaatcttc	atctttaatt	caggtagcac	cgactcgagc	ccaagtttgt	ttgatatcca	240
gttccaagtc	tggagagagg	catctntatc	ttattaaagt	atcgagagac	aaaatatcag	300
acagcaatga	ccaagagtca	gcaaattgtg	atgcaaaagg	gctatcaaag	ggaggttttt	360
tacagagaac	taaggaagag	aaggaggttg	ttaaagagac	ttgagatcag	aaaaagatca	420
agaacaactt	gaatctcaaa	gtatgaattt	gaagtatttt	gctgagcaaa	catttgaatg	480
cctgtatgta	ccgtaatcct	ctatcactgg	ggtccccaac	cccgttacca	gcccgtggcc	540
tgctagggac	tgggcccgcg	cagcaggagg	tgagcagngg	gtgggcaagc	cgaccattcc	600
cacctgagct	tnccctcctc	gtcagatcag	cancagcggt	agattctcat	aggagtgcaa	660
ccctattgta	aactgccatg	cnagggatcg	aggttgcacg	ctccttatga	ggaattgaat	720
gcctgatga	acttgnact	gncttccatc	acccccagaa	ngganctggc	taacc	775

<210> 4444

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4444

ntcnannngn	gtccttggcc	cttgcntttt	ntgcaggatc	ccatcgattc	gccaacgagt	60
accagctgat	tgactgtgcc	cagtacttcc	tggacaagat	cgacgtgatc	aagcaggctg	120

actatgtgcc	gagcgatcag	gacctgcttc	gctgccgtgt	cctgacttct	ggaatctttg	180
agaccaagtt	ccaggtggac	aaagtcaact	tccacatgtt	tgacgtgggt	ggccagcgcg	240
atgaacgccg	caagtggatc	cagtgtctca	acgatgtgac	tgccatcatc	ttcgtgggtg	300
ccagcagcag	ctacaacatg	gtcatccggg	aggacaacca	gaccaaccgc	ctgcaggagg	360
ctctgaacct	cttcaagagc	atctggaaca	acagatggct	gcgcaccatc	tctgtgatcc	420
tgttcctcaa	caagcaagat	ctgctcgctg	agaaagtcct	tgctgggaaa	tcgaagattg	480
aggactactt	tccagaattt	gctcgctaca	ctactcctga	ggatgctact	cccgaacccc	540
ggagaggacc	cacgcgtgac	ccggggccaaa	gtacttcatt	tcgagaatga	agtttcttga	600
nggatcaagc	acttgccagt	nggaaaatng	ggcgcgnact	tactgggttac	cccttcattt	660
tnaacctncg	cttgtnggga	acaacttggg	gaaacaattc	cgncgcgtngt	ggtttcaaaa	720
cggaaactggg	cccnnggaca	attnanttta	agcgggcaat	ggccaccctt	ttgggtcaan	780
gtncnnaagc	ctggtttttt					799

<210> 4445

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4445

gaaaggggag	ngnanntttt	naanggcgtt	ctaattgntgg	agcacgannc	tanaaagcgg	60
gttnggcacg	aggctgnanc	tgcccgtggg	caccacgggn	acactgtctt	ccgggacctg	120
ngggcccaga	nnggctgggt	gacgggnctt	cctaacagag	tacgcggggc	cccttttcat	180
ntacctgctc	ttctacttcc	gagtgccctt	catctatggc	cacaaatatg	actctacngt	240
ccagtcggca	tacagtgggtg	cacctgcctt	gcattctgtca	ctcatteccac	tacatnaagc	300
acccggaata	nagcccgtctg	ccccagtcgg	aaaaaaaaana	aatnaanann	atanccctnna	360
tgntaana	aaacttgngc	ctnttaaanc	ttagtgagtc	ngaattacnt	naaatccaga	420
ccatgatnga	gatcccatg	atgaagttng	gnacaagccc	ncancttaga	aatgcnangg	480
aaaaaaaaaat	tgctttaatt	ntgttgaaaa	tnngcnga	gcncatnngc	ctttantntg	540
ntnacgcnat	tattnaagcc	tgngtantta	acccaangta	tatccaccca	acaaaatggc	600
atancaattn	tatanggttn	nanngctntc	agngngcggn	aggttgctnt	ganagnngnt	660
nttcnnaatt	ncctncggga	nctgagngag	ccccaaatag	cntttggggg	tcccnggntc	720
acctcanacn	ttncgggata	tannccntac	gnaannanng	gggtctaaan	ttgggcncca	780
ccttgngngc	gnnnaaantc	tnnnnggnt	cnaataannc	ttnttntntc	ntnnngngtt	840
naanaatntg	nanatatacn	cncgtatata	tanacanntc	tcnctgnccg		890

<210> 4446

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4446

nnnntgnnnn	nnnnntttnn	nngngcnttt	tatagncngc	tcttggtctt	tttgcaggat	60
cccatcgatt	cgcagcagg	ttgccnngtg	gctgntatgg	catctatann	antttcaggg	120
ttncentaac	cnngggnc	ntgcnnntgan	tgacngtggg	natcntgtng	tggttaangan	180
cncaggacnc	nttgnatntn	ntggaaacaa	atggnaacan	anngtatacct	ctnnggatac	240
tggtnccca	nnntggnttaa	cacaggtanc	agctgctcan	nttnacctga	gggatccaga	300

```

ggcnnttgtc aaactagcta ttcattggcat gctgccaana aaccttcaca gaggaccaat 360
gatggaaagg ntgcattctt ttcagatnc tntattccag aanatntnct nangaatntn 420
cnagangagc ttntctcaanc ncgaaaanta cctaaacgtn tanatgagtn acacacgaag 480
aaatggacgc cttcccaaga ttgtggactc cacctgacna ttatcggcta tangagagta 540
anacttgnac anaataacag tgaagtgatt gaaactttct tctgangagt ttctctacct 600
acaggatgga gttaaactact gntacagntc acacctgttt tatgtgcnga atcactgtgg 660
ggaaagggtac tgacgtgtan ncttcaata gganattgga ttgaaatntc actttattga 720
accattttta tgnatctga 740

```

<210> 4447

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1221)

<223> n = A,T,C or G

<400> 4447

```

anggccanng nnttttttcc caaaaagngg ccccncttt ttcnaaaaa ccccttttt 60
gccaaaaaan ncgccttttg gggccaaaan anntgccccg cngnncnnn ggttttggn 120
cncnnaaaan nnnnnncccc ncnnannnnn cncnnnnnnn ncnnnnnnnn nnnnnnnnn 180
cannanncnn nnnnnnnnnn ngnnnnnnan acnnnnnnnc tttttnnnnn nnnnangnn 240
ngggggnnna annnnnnnnn cgngngngca nnnnnnnngn ggggnanann ncaanngann 300
ggncncncnn nagacaacnn nnnncnnana nnananacna annncncnnn nnnnanaang 360
nnncncnnnn annanncna nnnncngnnc ccccccncgc nccngncnnn gnggcgcaan 420
acntnancnn nnnnggnannn antncgagan tgnncnaatn anngcncac annaagncca 480
naaccacaat ncnnnanaac tntnnnatn ngaanacanc cagancccaa anaccnngnn 540
aacacnnaan nanaacccan cttnaagnna cgccagnngn annacccaan acncncaann 600
nccagnnnna ccnaacacca cgcannncct naanacanac nananncaaa ncnatngncn 660
cacgagtngt taacnncna accnacnaac acncagncgn ncanacncnc nannnncatn 720
accnacacnn cnncgnaaan acngacnaac aaatcnaana agncnnnnna nttnnancaag 780
nanatncnan cnnnacgacn tananantan ccacnnnana cacacacncg acgagncaac 840
aacnaccatn ncngcacgn accnncngtc tnnncacaan acactannca nccacccgna 900
aagaagaaac tanccaaann tnnacgancn acctctnnaa gncccgcnag annacnannc 960
acgncccaan tnacaccnna cnnccnnaca cncnaacgtn ccannacata acnngaacca 1020
naccacngca ngaannnnac annncaagnn annacancan ancnnngaac nnnagcgcgc 1080
ancanccnac gncgcaannc gacanaagnt anagaagaac nacnaaacnn annncaaan 1140
naannaaacc taccagann gttnacacna cacantncnn cnnacgagcc gcatnnnnn 1200
ananacgacg gacancaacc c 1221

```

<210> 4448

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> n = A,T,C or G

<400> 4448

```

gnnntttcaa atagctagc tactngttct ttttgaggc atcccatcga ttcgtgttaa 60
tcgtgtggtg ataatcctgt cctcctttta aagcgaattc tctactgaaa ggtctgctct 120
gcttaaggag ctacaaactg ctctcaaaag aatgaaatac tgagttccaa ttcagtgagg 180

```

cacagtgttg	gactatggca	catttagttg	gagtcggggg	gaggtcagga	atatgatcag	240
ataatggatt	ttatacctta	gagcaaaatc	tattagtctc	tctcagttta	tcaattttaa	300
tggcttttagg	cttatagggg	gtgtaaactt	taagaatata	attctcccat	tcaagtttac	360
agcaaacatc	tagccacctt	caaaaacaaag	aatatacaga	ccatcattta	gcaataactaa	420
tacatgatatt	tccttgggga	tggcaggttt	gagaatcctt	tagcaacagg	acatactttc	480
cctaaattan	cnngggaatt	atTTTTTTT	ccgggggttaa	aagcttttca	ggntnccaaa	540
ncttaaagggt	gggggttgct	ttaaccaacc	taaaaaaact	tnnccacctt	aaaattcttc	600
aaaaggaaga	aaaagttnct	ttggccaaaa	atTTTtggtaa	aaagtttcca	ccaaanggggt	660
ggcaaaaacc	atTTTTTccc	ctttcctttt	aanggcnttt	ttnaatcctt	aaagggaaaa	720
ggggccttnt	ttgaaaaaac	ttggggggccc	ccaatctggg	tanttaccaa	gggccttcca	780
aaaatttttac	ccgttttttt	tnaaaanggg	aaaggaaaat	cttnttgncc	aacctttnaa	840
gggcnttttat	ttggccaggg	gaaaaatacc	cttcnatttt	ngggnantgg	ttaaaaaaan	900
ttttattttg						910

<210> 4449

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4449

gnnttttnnan	nncngnttt	ctaattcctt	tcnaatnctt	tggnancgtt	ctntatgcan	60
gacccatcga	ttcgggaatc	tcctagaaaa	gttggtgattt	tcgagccata	tccttctgtg	120
gtagatccta	atgattccta	natgttggcc	ttcaacccca	ggaaaaagaa	ctatgatcga	180
gtaatgaaaag	cactggatag	cataacttct	atcagcnaaa	tgacacaagc	accatatctg	240
gaaatcaaga	agcaaatgga	taaacaggac	ccccttgctc	atcccttact	gcaatggggtt	300
atatcaagta	atagatcaca	tattgtgaaa	ctgccagtta	acaggcaatt	gaagtttatg	360
catactccac	atcagttcct	tcttctcagc	agtccaccag	ccaaagaatc	caattttaga	420
gctgctaaaa	aactcttttg	aagcaccttt	gcattttcatg	gctcacacat	tgaaaactgg	480
cactccatcc	tgaggaatgg	tctggttggt	gcttctaata	cacgattgca	gctccatggg	540
gcaatgtatg	gaagtgggaat	ctatcttagt	ccaatgtcaa	gcatatcatt	tggtactcag	600
ggatgaacaa	gaaacagaag	gtgtcagcca	aggacgagcc	agcttcaagc	agtaaaagca	660
gcaatacat	cacagtcacn	ggaaaaaagg	acagcaatcc	caattcctgc	caaagccgta	720
acttaaaatg	catagnctt	atgtgaaagg	gatcaccttc	atctggacct	gcacaaacat	780
ggc						783

<210> 4450

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 4450

gntnngnnnc	cntntnagg	gggtntaatg	cngctctgtt	cttttgcagg	atccctcgat	60
tcgaattcgg	cacgaggaat	acctcaaacy	tctaccatta	cngtggggta	ganttttagcc	120
cacntntgcc	tttncancnt	angggttntt	cnaagaaga	antactttga	ttctgaactt	180
gagcttatga	catacattaa	tgaaaactgg	gatagattgc	accctggaga	gctggcngac	240
acaccaaaat	ctgaaagata	tgagcatggt	ctggaggcat	taaatgatta	caagaccatg	300

tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	360
tcctcctgtg	ccaccaaatg	tggttttcaa	agcagagaaa	gaacctgaag	gaacatctca	420
tgaatttaaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	480
gcaatggcat	ataaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	540
caagaaaaat	gattcaaaaa	actgctgagc	cacttttggg	taaaggaatc	aatttcagag	600
aatcctactt	ttggatttac	cttggncctat	agggagaact	gagggaactg	ccattcatcc	660
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgc	aaaagaaact	accttcgcta	720
gcattttcng	gccattatga	ttattn				746

<210> 4451

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4451

gacnategg	ttngngagac	ngcctnccnn	tcnnncngcn	tctgnnggnt	gntnttttga	60
cacggtctcn	ngtgaaagta	cncacncaact	cacacgnnaa	tgggcattgc	accccaactcc	120
tgctcaaagn	gctgnacgc	gtcatgngta	gaattnctgt	acgcctgnnc	tctgnccent	180
annngngant	gggccacnnn	tntntatgan	cgcgacacca	angtgagtct	gacctttctg	240
acttgannna	caangtttgn	gggggctgnc	attcgtgntt	tnngngcnct	tnnaancatn	300
ataggaganc	ntnatnnncg	actgggaacn	nnctnnacac	atnctatctg	ngaantcatg	360
gggatcatng	gaggaaaccc	ttgtgctcga	aaataacgtg	ngtcaaacad	gcactcatgn	420
gncnngccnn	accacnctn	gnctgtttcc	tacctaaagg	ataccatggg	atgnacactt	480
acngtaattn	tgcaaagtng	gcaaanatnt	tctcananng	gagcctaacn	gnctaaatna	540
aaggtntttc	atnnccaggg	ncttggtta	atnggcnaaa	tntggcnaac	aagngggtga	600
ctcactttta	aaggtgnaat	aagattttcc	ncattntntn	aaaaggaacc	tggnggaaaa	660
agntaagggc	caaanccctt	aagncncttt	ncnggnaang	gtttggccaa	atccgggggt	720
ggnggggncc	aanaatgntt	ttcaggagga	tngggnnaaac	tttttttct		769

<210> 4452

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1366)

<223> n = A,T,C or G

<400> 4452

ananaanann	annnnnnnaa	ggnaaanana	nnnnnannnn	naanangnaa	ananaanann	60
tnnanaanann	aagnngnttc	nanncttttc	aaagcttgga	aaacgcannc	aannnnnggg	120
aaagcaagaa	agaacagcta	aagnnngncn	cagaganagc	ttttangang	tntangaaga	180
aggaatanann	gnggncaata	nnnnnannnc	ngaaantatc	atganacnca	aatganggan	240
aaggcagcac	aagctgngca	aacagctatn	gngacggggg	ggccggggaga	gnctaaangn	300
cananatnca	atatataagg	actgcatgcn	aagggatacn	aaacaagnan	actnntctag	360
gaagaaataa	ntnttgacnt	ancnnacntt	cataacgaat	agcaccgtac	atcgagncaa	420
ccaactaana	ggncataagga	aatggcaaan	nacnttaatn	nntgagcnaa	ggaagggngt	480
atngnccnan	anngaaatgc	ntcntaacca	anttttaatn	gtaacggnat	nangatnaan	540
ncntnancce	acgcaactca	aaaanattac	attanntaaa	aaagancat	ancaaaacta	600
gtnttcaaaa	tngnacgagn	aatgggnaa	nantttntnn	ccgggaaaaa	tggngagat	660

ccanaaacac	tggnatnagg	naatanatgn	ccgcccnaaa	aaaccntnac	cataggnatn	720
ggctancata	gangagatat	ancnatnagg	ggatcaanan	cntaggnatt	ngaaaantaa	780
ncgagttaaa	acancnagat	nnggnantac	gaganatagc	ttggacnggt	atcaaatecg	840
accctnngat	gggcntangg	aaaaanaaaa	aggntngagn	gaanttcctc	anaggaanng	900
tganagagcn	aaanaaanatn	aagggccttg	gngaaaangg	aaaaacagat	agngtcatnc	960
natatatncn	natgananan	tggggnaatn	taatctacnn	tanatnnggg	ggaaaaaaat	1020
cnnncatgac	nnnaaaanga	gntaatgna	nnatgagaga	ttaaacnnat	aaaacnagag	1080
aantrttgng	aaanctgnga	gataaaaaat	aaataaatte	tnnttggaac	atntanaccn	1140
tctatnnaaa	aaaaagaggg	gaaacccatct	ngattatgca	cananaaatn	tnacntngng	1200
gaaataaatn	gggnacaata	acatatatgn	ggatgtacan	tnntggncng	aaaaactata	1260
caacntgaga	nnnnacnang	atataaagcn	nnaggnagtn	tatangggca	tcatcaangg	1320
gaagntataa	agcaactgna	nnctcatata	naaaactgnn	cnncaa		1366

<210> 4453

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(852)

<223> n = A,T,C or G

<400> 4453

tgatcctcag	gcnntcggga	tgacacgtna	ancatagaag	ctggaggagg	nggnccngcg	60
cttgntcata	atttaaaaaa	attaaaaana	cgcaacagcc	gcttttctta	atccatatcc	120
cttttaanac	acagaggcng	gtaatnagtg	naatagaaga	atgntnttgt	ntcttcctac	180
gggtgacngtt	nttattnac	nggnttcttt	agcaggactg	ttctactcaa	cctctgtgga	240
anaaaactnt	ccncagggct	gnctaacaca	nncagccttt	gcttttacan	cctgctcttg	300
cctattacca	taccactgta	tgtnttcttc	cacctntgga	cnnggatggg	tattaaactc	360
ttnaggcatn	antgatgcaa	ctanagtcaa	tatgctgtnt	ntattaatga	gagctcttgg	420
gcacccatnt	cntgaaagct	caantggatn	gaattnagnt	ngcggganag	aggctttntc	480
ttgctcatat	nacgctnatg	gactggggna	ggctnaaatt	gcaaagtctg	cttttaattg	540
cncctcttga	tcnaccatg	aaaaattgga	aggctcttga	cnaataactg	gtggngtcan	600
aaananaaca	tttttgacnc	nggtcatgnt	ntggagaatg	aacatcccta	aatcnaccat	660
gtggaagacc	natttcataa	atncattcnt	ntaanaaaaa	attggnaaat	ctttnttttg	720
ctttggtnng	aacaactttt	aangggcttt	tgngcaaagt	caccatggtt	aangggatgg	780
acttgnaatt	aaattncccn	aaggaattna	anggttgggg	aaataatncc	cctnttaaag	840
ggaaaaaaa	ng					852

<210> 4454

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4454

tggtttttnnn	ngnggggggg	ttttctaatt	gcagtcaann	tnngtgcct	anncccgnntn	60
ccnnggngcg	cccnaacttg	gaggtggccc	gcttcagac	catggaggag	aagaaagcat	120
tcattntntac	cactgaagaa	agaccgaatt	gcaaaggaag	aaggagctta	atgccaggaa	180
cagattttgc	agttggtggg	gtctcaataa	aagtttgttt	cagtggaaaa	taacttttat	240
tgagacaaaa	aaaaaaaaaa	aaaactcgag	cctctagaac	tatagttagt	cgtattacgt	300

```

agatccagac atgataagat acattgatga gtttggacaa acnacanctn gaatgcagng 360
aaaaaaatgc tttatnngtg aaatttgtga tgctattgct ttatnngtaa ccattataag 420
ctgnaatana caagttanca ncaacaatng cattnatttt atgtttcagg ttcangggga 480
ggtgtgggag gtttttttaa ttncggccg cggtgccaat tgcattgggc cgggtcccca 540
cnttttgunc cccttttagtg anggtcaatt ncgcgcttgg ccttatcntg ggtcatagct 600
gtttcctgtg tnanatnnaa tgnenttnca cttttcnnac aattnaagtn gcnnnagaaa 660
tccancactg ncaanttggg ggcanncacn gcttgntaaa tnnnggtattt ttcnaggagc 720
ttttaantan ntnggntcaa nggnacaagc nannttagct ccatnggctt ngacctccnt 780
tannaaccaa aatgnttnn 799

```

<210> 4455

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4455

```

gnannngccn cgntttttag tccccctntt caaatccttt gnnaatcgcc ctncctgttt 60
tgatcccatc cgattcgaat tcggcacgag atggcagttg cttttgaagt atatgatgnn 120
ttcctccact acaaaaaggg gatctaccac cacactgggc taagagaccc tttcaacccc 180
tttgagctga ctaatcatgc tgttctgctt gtgggctatc ngcactgact cagcctctgg 240
gatggattac tggattgtta aaaacagctg gggcaccggc tggggtgaga atggctactt 300
ccggatccgc agaggaactg atgagtgtgc aattgagagc atagcagtgg cagccacacc 360
aattcctaaa ttgtagggtg tgccttccag tatttcataa tgatctgcat cagttgtaaa 420
ggggaattgg tatattcaca gactgtagac tttcagcagc aatctcagaa gcttacaaat 480
agatttccat gaagatatat gtcttcagaa taaaactgc ccttaatttt aatatacctt 540
tcaatcggcc actggccatt tttttctaag tattcaatta agtgggaatt ttctggaaga 600
tggtcagcta tgaaagtaat agagtnttgc ttaatcattn ggaattcaaa catgctatat 660
tttttttaaa aatcaatgtg aaaacataga cttattttta aattgntacc aattacaata 720
aaaataatgg gcaattaatt tttnaaaact ttttaaaata gnatgctcat attttttaaa 780
ataaaanttt tnc 793

```

<210> 4456

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1095)

<223> n = A,T,C or G

<400> 4456

```

cgnnnatttt nccgcccttc ctgggaaaat cnccttgncn ngtgaaaaaa cncntgggtg 60
aaaaaccctt tttggcaaat tttcgttgna aaaannntnc ccccgannnn gnnnttnnnn 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntttt ttttcnncc cntttttttt 180
tttcngnnnn nnnnnnnntn nnnnnnnnnn nnnngnggggn nnnnnnnnnn nngggggggg 240
annnnnnntt nngnnngnnn nnnnnnnnnn nnnnnnnann cnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaannnn nnnnnnnann nnnnnnnann 360
nnnnnnngg ggggcggggg gnnngnnna cgacnngana nnagnnacna cngaananan 420
nagnannann nnnnnanaaa annnnnanag nnaaanacgna gnaanaanaa gnnnnanaaa 480
ngannacgnn nnacanannn cnnanaaann nacaaacnan acaanatana nanncnag 540

```

annaananac	ncnagaanaa	aannaagaan	nnaagcnngn	nncgnaanana	ccctaacnca	600
nanngaaagn	acngananan	nnccgagann	aanagnnaag	aaagnaacan	agnngnnaga	660
ngagaaagac	nannagaacn	anaanganan	angcannnnng	cncncnctna	naaananana	720
nnatananga	tnnaancggn	ganagnaann	acnagnncga	cgcgnnngan	anngaacgga	780
nntcgnnnan	gggnnnaanc	acnnncncaa	caagnanang	cgagagtcaa	nanncanann	840
nanancngaa	nannannnag	nngnaanana	nanacanacn	anaanangnn	nanagacaga	900
ngcangannn	ngcgcnanna	gnagnagagn	nnatnangnn	tananaagnc	ananacgaca	960
nnanaacgtn	acgccgnncn	ananangaga	nnnnganaaa	acgngagaga	gnagaanagn	1020
acanaganan	agcnacgnnn	gacagcanaa	acganncnan	aagcggnaaa	tanngangcn	1080
agnngnnnga	cagcc					1095

<210> 4457

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 4457

ttntttcctt	cctctaatec	ttttanegcc	tttctgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	tcctccaaga	gtttggggcg	cggacnnnag	tacettgcgt	gcagttatgt	120
cggcgtntgt	agtgtntgtc	atttcgcggg	tcttacaaca	gtacttgagc	tcactccgc	180
agcgtctgaa	gttgcctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc	240
acggttactg	tctcctcgtg	gggaccttcc	ccttcaactn	ttttctctng	ggcttnatct	300
cttgtgtggn	tgagtttnat	cctagcgggt	tgccctgataa	tacngatcaa	cccacngaac	360
aaagcngatt	tcctaaggcct	ctgcccagag	cnagcctttg	ntgannttct	ctttgccagc	420
accatcctgc	accttggtgt	natnancnta	ggtgnctgaa	tcattctcan	ttncntaatt	480
gangagtang	anactaaaag	aatgttgact	ctttgaatct	gctggataag	agactngaga	540
tggcagctta	ttggacacat	ggattttctt	cngatntgca	cttactgcta	gctntgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtgnacaac	aactntctaa	cnaacattca	660
ttaatccann	ngannccctt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nntgccactt	ntggcaaaaa	aaat				744

<210> 4458

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4458

tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatatata	60
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	120
tacacatgtg	tacccatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	180
tgtacccata	tacacatata	cacatgtgta	cccatatata	catatacgca	tatgtgtacc	240
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	360
tacgcatatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	420
atatatatat	ctatatacct	acatatatat	acacacatat	atatatacct	ggatcatttt	480
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	540

ttgatgggtgg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	600
gcacaatgca	ttaattactc	ttgggggttgg	ggggcatggc	tgggtgtaaac	aaacctacca	660
tgctgncagt	nccataaaca	tatagcatat	ataggggtata	tattataactt	naataataac	720
tatgggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctcctac	780
ttttttccaa	aagtactnta	aaacanncn				809

<210> 4459

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4459

agggccagtt	tgatcattcc	aaagatgggtt	ggttaggccc	cggccctatg	ccagctgtca	60
caaagcggca	aatggacact	caagaaccaa	gatgatataca	acctccatca	agacagctcg	120
gaaaagtaaa	agggcatcag	ggctgaggat	aaatgattat	gataaccagt	gtgatgttgt	180
ttatatcagt	caaccagtat	taaaggcctg	cctgatatac	aaccctcgaa	tgcaacacag	240
tgctcttctg	aggccactct	aaaggccagg	aaagggtttgc	taagaagtct	gtgctgttaa	300
aaacagaaga	aaaagaccct	tatcccatg	ctctgtgtct	ggtggctata	gggatagtat	360
ttcataaaaa	aagaaaggca	aaaataat	tcaaaaatga	ttcaagaaat	gctgtcaaag	420
atagcaaaag	aacagagtcc	tcagagaaca	gtgccagga	caggataagc	actcaataac	480
atataacact	gggtaatgct	tggtgagtgc	tggtcggttg	ttgagtgc	nctattgggtg	540
gagtgcctgt	tggtgagtgc	taactgctta	ntgctanctg	gtgnttgagt	gcttggttg	600
ttgaagtgc	ttncttggtt	gggtgagtgc	ttggttggtg	aaatgcctac	ctgggttggtt	660
ganntgattg	ttggttgant	ngctaaccnn	ttgtttnatg	cntnctngtt	ggtgaatngc	720
tttgtngttt	aaagctaact	tggttnttgn	atgctttgtc	ctggcctggg	gcccttnttt	780
ttaccctttt	gatgtncat	ttnttccatt	taactttccc	caattncctt	ntttgggnnc	840

<210> 4460

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (980)

<223> n = A,T,C or G

<400> 4460

ttcctaattc	tnggctctcg	ttctttttgc	aggatccctc	gattcgaatt	cggcacgagg	60
aagccnaatt	gaattgtggg	aacaggaaca	ttcaaaggca	tttatggtga	atgggcagaa	120
attcatggag	tatgtggcag	aacaatggga	gatgcatcga	ttggagaaag	agagagccaa	180
gcaggaaaga	caactgaaga	acagccaggc	tggtcttgaa	ttcctgacct	caggatgatcc	240
acctgcttcg	gccttccaaa	gtgctangat	tacagggtgtg	agccaccacg	cctggctaatt	300
tttgnatttt	tagtntaaat	gggggttntt	ncaaagcttg	gnctttgaan	ttncccaanc	360
ttcanggnng	aatncccncc	ncccttttgg	gcttcccccn	aaatggcttg	nggantttcc	420
annggccttt	taagcccaac	cnttngcccc	cnngnccctg	aatngntttt	ttttgaaatg	480
gaattttttt	taaaaaaatg	gggggttttt	cnaggccatt	tttaaaaaaa	cccntttana	540
acttggaatt	ttttaaaatt	attatttttaa	aatttccttt	ttttaaaaac	ctccaaattn	600
ttaaatgggt	taaaatattt	taccttggtt	anccaccttt	aacttaagcc	tttttcntgg	660
aaanggtttg	ggtccttttg	gagaatnaag	aatttggaag	aaatggacca	ggtttngttt	720
ggatttttct	tgaagggtaa	atttttaccc	caaaatttaa	aattattatg	gtattgtggt	780

accnttttgaa	aaaaaaaaaaca	tnttntannn	cttntntnct	ctaannccn	cttntnntat	840
aaaaaaacct	ncnnngggcc	cttttaaaaa	ccttttttgn	gggnggggcc	ctttttttac	900
cngntanaat	nnccnaacc	ttngatttan	ggnnanncc	ttgnttgaa	atttttgnnc	960
aaaaccccc	aatcttttgn					980

<210> 4461

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4461

tgggnnnnnn	nagngtnggc	ttttcttatt	ntggctgtaa	ccgntngnag	cncgcacnca	60
aannggctgg	gncgaattcg	gcacgagggt	tggaaacagca	gcactataca	tgaaatataa	120
accaaanaacc	tttactgttt	ctaaatttcc	tagattgcta	ttatttggtt	gtaagttgag	180
tattccacag	aaagtggtaa	ttatctcttc	tctcttcctc	cattagaaaa	ttaggtaaata	240
aatggattcc	tataatggga	gcacaccac	ttattaaaac	acacatagaa	tgatgaatta	300
aaaaagtttt	ctaggattgt	cttttattct	gccacattta	ttgataaaca	gtgaaggaat	360
ttttaaaaaa	tttttaagaa	ttgtttgtca	cgtcattttt	agaaatgttc	tacctgtata	420
tggtaatgtc	cagtttttaa	aatattggac	atcttcaatc	ttaaacattt	ctatttagct	480
gattggttct	cacatatact	tctaaaagaa	acttttatgt	tataagagtt	actttttgga	540
taagatttat	taatctcagt	tacctactat	tctgacattt	taggaaggag	gtaattgttt	600
ttaatgatgg	ataaacttgt	gctgggtgtt	tggatcttta	tgatgctgag	ccatgttctg	660
cactggtgct	aatgtctaat	ataattntat	atttacacac	ataccgtgct	accagagat	720
taatttantic	catangaacc	attgacccat	tgttcattga	c		761

<210> 4462

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4462

gnnnnnnnnn	nagngtttga	antctctcct	ngaaatcctt	tggcnactcg	ctctttntgc	60
aggatcccat	cgattcgaat	tcggcacgag	gggcaatgca	gttataatac	tgtgttaatt	120
tcagacatct	tctggtcctc	cgagccttgt	atttacatac	tagctgaaac	tgcaagtgga	180
aatgaatgga	gctgatgata	tttgcccttat	cctaattttt	ctgtgaggag	gagaaaaaca	240
cttgtgcttc	aaataagcag	atgtgaaaac	acttctcact	aatcaaaatg	tttaccacta	300
ggttatgaga	gtctgcctct	cataggcagt	gaatctgata	tgtatactta	gtaatataag	360
tctatttagt	ttgacaaaac	cttagagcag	aatttttgca	gcttagttca	ggatgatcac	420
tagcaatgcc	aaacttcatt	ttttattgaa	cttggatcca	agaaggcctg	ctgtgtctat	480
ttcagtatag	actctcatat	caatatattt	atgctccaag	tcactacacc	cagaagtgat	540
gcagtggggg	aatgcaaag	acaacatcac	tgtaagattc	acagaatgga	tcttttgtaa	600
aatattttat	attgacttaa	ggaaaacctt	tcattgggaa	ttaattaaat	taagtctcta	660
atatcctgga	agacagtaaa	aantnaagcn	gggtntctca	antttgaacc	cggcnattng	720
naatttcatt	ataggaattt	ctgaaaataa	tcc			753

<210> 4463

<211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4463

gcgtcccntt	tcaacnttgc	taatcgctgg	ctatcgttct	ttctgcagga	cccatcgatt	60
cgaattcggc	acgaggccat	gggcccgcgc	cccgcctgtt	gttaccggta	ttgtaagaac	120
aagccgtacc	caaagtctcg	cttctgccga	ggtgtccctg	atgccaagat	tcgcattttt	180
gacctggggc	ggaaaaaggc	aaaagtggat	gagtttccgc	tttgtggcca	catggtgtca	240
gatgaatatg	agcagctgtc	ctctgaagcc	ctggaggctg	cccgaatttg	tgccaataag	300
tacatggtaa	aaagtgtgtg	caaagatggc	ttccatatcc	gggtgcggct	ccaccccttc	360
cacgtcatcc	gcacaaacaa	gatgttgtcc	tgtgctgggg	ctgacaggct	ccaaacaggc	420
atgcgaggtg	cctttggaaa	gccccagggc	actgtggcca	gggttcacat	tggccaagtt	480
atcatgtcca	tccgcaccaa	gctgnataac	aaggancatg	ttattgatgc	cctgnnnnag	540
ggccnanacc	nagtttntctg	gccttnntan	cntanngatn	ttngaganaa	gtntcatttt	600
aactttntctn	tgntatata	ncaanggttt	tanntttngt	ngantgaaaa	agcgggcttc	660
atcccaagat	ggntctgtgn	ggtcanagtt	ncattccena	gtngtnnncc	cttntggana	720
anttggctgg	ccccttgac	tcattgacgg	ccttcncaat	tggtgctnna	nccccctttt	780
taatttcttt	aatnaatnn	actttattac	ctttncctgg	ctctaantct	aatnntctca	840
tctncatctn	taatntctna	cactaccnan	ntttntntca	ntatccent	cnaacctnat	900
caaacttttt	ncg					913

<210> 4464
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1274)
 <223> n = A,T,C or G

<400> 4464

tttttngggg	gggttttttn	nnnnnnnnnn	gggggnnttn	nnggggggcn	gnttttttnc	60
ttaaaaanagn	ngactggnnn	ngctgaaaaa	ctcgggcctt	ggggganann	gnccccccnc	120
gaaaaaacanc	agggaaaaaa	angggggggg	ctgggggggg	gggnnnnnan	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnggnnnnnn	nnggnnnngn	nnannngggn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnangn	ggnnnnnnng	300
nnnnnnngnn	nnnnnnnnnn	gnnnnnnnnng	nnnnnnnnnn	nnnnnnnnan	cnnnnnnnnn	360
gnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nnnnnnnnnn	cnnnnnnnnn	420
nnnnnnnnnn	canaaggggn	nnnanncnnn	nnnnngnnnn	nnnnnnngnc	nnnnnnnnnn	480
ngnnnnnnann	nnnggnaaga	angnnncnna	cgagnnnnnn	gannnacgan	nnnnngnaa	540
cnnnnncnag	ngccgnatna	gancacgaat	ngngagagag	ancngannan	gnnggnnnnn	600
ggnaaangnn	ncgnaanga	annggnacca	gnngggannn	cnnnanngga	ngncnnnagn	660
nnnnngnngg	nnncnnnaac	ncnngggggn	nannanngna	nannnggnnc	tnnggggnnn	720
nnnnnnnnnn	nnnnnnnaann	nnnnnnnnnn	nnnnnnnnnn	cnnnggnnnn	gggnnnanann	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnannannng	nnnnnnnnnn	gnnnnnnncnn	840
nnnnnnnnnag	gnnnnnnnnn	nannnnnnnn	ngnnnnnnna	nnnnnnnnnn	nnannngggn	900
gnnananann	nnnnnnnnnn	nnnnnnnana	nggggggnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nannnnnnnn	ntncnnnnna	nccnnnnngn	1020
ngnnacaann	ncnctngnn	ggcnctnngna	ngnnncncaa	nannntnnnn	gnnnnnnnnn	1080

tngnngncaa	ananggggnan	annnantnnn	nnatgggngg	gggacnnaan	tnnccnccct	1140
nattcaanna	ntggnggaaa	aaactggngg	nnnaanantn	aaaccccaga	nnggcnnaaa	1200
ntcattcctt	acccaaagg	ttangacctg	gnaancctng	tgggcnanaa	aggtnctnaa	1260
acattcnttt	nanc					1274

<210> 4465

<211> 1039

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1039)

<223> n = A,T,C or G

<400> 4465

atggnnnnnn	nnnnnnnttt	ttttggaaaa	aaannncccc	cccttttttt	ncctnaaaaa	60
attggggcnt	tttggggcaa	aaantttngg	ccctncttcn	tnctttgggn	tnttgnnnat	120
ncccccnatt	cgggnathtt	nccggaaaat	ttccggggcc	naccgggagg	gggnattagg	180
cccttttnana	nagncccaaa	nggtntntta	cccaaagggn	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnngna	aatatnttct	tggggaacttg	360
aggtntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcaccc	tcgatttata	ttgcaagngt	ntcaaangtg	tcactgnnac	480
acaaatagaa	acactgccaa	cttggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcgatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatnntct	660
naaaatatat	taatgggtca	ccttnctgnt	caaagggggtg	gtgcaanggn	cttgacagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaaagg	gatatgtaat	gctcataana	aatttggggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnnnttc	tgattttgga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttnngctagn	aaacctnnc					1039

<210> 4466

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(931)

<223> n = A,T,C or G

<400> 4466

ggaagcgggg	gggtacgttt	tncaaaagg	ntttcaatng	cnggtgaacg	cccctaaana	60
nnnanccatc	ganacnaatt	cggcacnaag	ggcttccggn	taaaccantc	angggatatnc	120
cnatgnntaa	gncatcctng	gncngnntat	aacnggnccc	attcanctgt	nanatananc	180
ttcnanantt	ntcnacanng	gnnnanattt	tnnntctgca	atnnnanagn	naacctnttt	240
nnnnchnnnnt	aangaggcag	nnagctacct	ttgaangaac	tacttgnaaa	cntnntnttg	300
naattcaang	nnaancntc	ttntntcna	ntnnttant	gttgcnnnnn	nctcaantcg	360
tatnnncatg	ngggctccca	tcacntnntt	acttataant	antngnttan	aaannntngn	420
cctantatag	gggnatnctt	nttnnnnann	nnntccntn	caaaccctaa	tctngnaang	480
aattnnccnt	ttctgnaatn	caattattna	angannaatn	gntnnnctan	tncattnann	540
nnctantant	ttcncnncnn	nnctntgnaa	ttcncnttat	accantaaa	tngtactnt	600

taatnaggat	tnanagtacc	cannttgcnt	ttnttncaca	antntaanen	ntgcattatn	660
taaaatcann	naagncgana	aattntnttc	naaccccnng	cnncaaaanta	ccnattttcta	720
atanngaent	annngnnnnn	annnccctaa	nannatatac	nanatntntt	nccnnacant	780
ccnagagtag	aantccccctt	nntcacacnn	ntctctanta	cnctntnaatt	ttcnntacan	840
atataaanta	ntttntctna	ttaangnnnn	ntnnaaaantt	ctancnaann	tanattancn	900
ancctctnan	ataatcnttt	ttnnngnatn	c			931

<210> 4467

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4467

cnaatncttg	gctactcgct	ctnttgccagg	atccnttttg	acgcntttgn	acgnccggtat	60
ncttcaacca	atgtctagtg	cacntatcct	ntntaacnca	naattctcaa	acccagnttt	120
acaacattgg	gtaggatnct	ataaagngct	aatcntattc	tggatnatga	cgaattttgc	180
atgctaantc	tttgnancnn	gtcncccccg	aagntgcntt	acatgtacag	attcgtgtaa	240
ccacgtgtaa	ccacataaaa	ctnatgaaca	caaagtcctt	catgctacct	tctatgctta	300
cactcnancc	aaacctaach	ctgccaaccn	ctnntctccn	atcaggatca	ttncntcann	360
tcatgaatnn	ganagaantn	aaattgtntt	tgcacatggg	atntataaat	tttatatnga	420
taagccatnt	gaatgcttat	ngatagagag	tctgtgagct	cntggcattt	ctggcactna	480
gcanattacn	cctaaggntt	atatgagtag	annaanagnt	gtattancat	nanntntnac	540
caccatgnat	cngacccgat	gaaannnggt	nataatntgag	agtngtgtac	aggatttnat	600
gtgnaaatte	gnatnnatct	ancgatgaga	natattgcac	tgtnttcccn	ggctntaacn	660
gccttggnat	naaanatgcc	ttgggaaaaa	tgttatcaaa	nnaacntnna	ncagcccnan	720
gggnaaaaac	cnnangaant	tcagaggcnt	cntngnacca	antntggagg	nnnaaaanac	780
cngggncncc	tgganantaa	ttcc				804

<210> 4468

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 4468

tantacntan	ctnanccntn	tggcntnagt	ccgtccncta	tgcntgtng	cttaaattac	60
tgncgcgtta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccctn	agcaaaatcc	120
ccttttggca	gctggcggtg	aaancaaaaa	ggcccgaaac	gatcggcctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcngggc	ccaattaaac	240
cccgccgggg	gtgggtgggtg	gggttaacccc	gccaaccggg	ggaanccggg	ttacaacntt	300
gggccaagcg	gcccccttaa	accggccccc	ggctttccct	ttttcggcnt	ttttcntttt	360
cccccttttc	ccntttttct	ttcggcccca	accgggtttt	ggcccccggg	gcnttttttt	420
cccccccggg	tcnnaaaggc	ccttcnttna	aaaaattccg	gggggggggc	cctttccccc	480
nttttttaaa	ggggggggtt	nccccgaaa	tttttnaaaa	ttgggccttt	ttttnaaccg	540
gggggnaanc	cccttttggn	aaanccccc	ccaaaaaaaa	aaaaaaactt	ttgggaaatt	600
taaagggggg	gtngggaaatn	gggggttttc	caaacgggtt	naaantnggg	ggggncceca	660
atctcggggc	cccccttggn	aataaagnaa	accggggggt	tttttttttc	ggcccccccn	720

tttttgggaa	ccggttttng	gggaagggttc	cccaaccggg	ttttcctttt	ttaaaaataa	780
aggnggggga	acttcctttt	gggttttccc	naaaaacctn	ggggaaaacn	aaaacaacct	840
tttaaaaacc	cccttaattn	tttcnggggn	cctnaatttn	cnttttttgg	gaatttttnaa	900
tnaaangggg	gaattttttt	ggccccgaan	ttttccgggn	cccttaattn	ggggnttaaa	960
aaaaaaaaatg	gaaagcctgg	aanttttnaa	accaaaaaaa	aattttttaaa	ccgccgnaaa	1020
ntttttnaac	cnaaaaaata	nttttaaacg	gcctttnaac	naaaattttt	cccttggaag	1080
ggccngggggg	gnaaaaaaa	aatttttttt	tttttt			1116

<210> 4469

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4469

aatncnaget	ctcgntcttt	ttgcggatcc	catcgattcg	ctagtctcgag	tttttttttt	60
tttttttttt	catgaaaata	tagtcatcaa	atztattttc	attgggatgc	cattttttga	120
agaattccta	agactaatgt	ttcttgacat	gcaagagtta	gcattaatag	cttacgttac	180
tataaatact	gctgcttgga	agcagtacaa	ctgttttaga	gttttaagac	tacagacttt	240
cattactcaa	atcttattca	gtaaatgtaa	aaatcagaag	gttctgaaca	gctggttagg	300
aaggtagcca	agatgcagga	aagatgtctg	cgctctcttt	tcaagggcag	ccaactnttg	360
aacagtaggt	gccccaaaata	tccacatggc	ctttatagct	ttcaccacca	gcagcccttt	420
tntgaccgta	ggtaactttc	ccatcaaatt	catccactgg	tacctttata	tccggntnaa	480
cctgagaaat	ggtnacgttc	aggngttctt	ctatctcaga	tagtaactgc	atctcgttgt	540
accatatggt	caagcctcat	cttccttgag	tcttggggta	taacaccctt	ttccacggnt	600
gctacataca	tggnacnnaa	ccataaggaa	caccngggat	atcaattcct	ntagcagntc	660
atctgngcaa	atcaagaatc	tttacatctc	cttcttaaan	cttttccaag	tttgcctttc	720
tctcatgggc	cattggaaat	ttctcaaaat	aatgaccagg	ttttct		766

<210> 4470

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(926)

<223> n = A,T,C or G

<400> 4470

annnnnnnnn	annnnnngnn	ggngnnnnna	nnnnnnnnng	aannnnnnnn	nnnnnnnnnn	60
annnangggg	gnnnaacnnn	nnnnannnnn	nnnnagnttg	aattcctaaa	gccaaaccnc	120
nnntttggca	ggaagcannc	agnccngggg	tccgcaacgc	nggnaagngg	acagnnngga	180
aaanaaatnt	ttngcagaca	aggatgtcaa	ggngngnggc	ggnggnataa	caacneggcaa	240
gtgggacagc	nttgaacaan	aacnagnagn	cgncnggaac	ngcctaaccg	gagccnanng	300
ctcgaanaag	gaaataagga	agccacangg	nangcagacc	tactganac	atgaaccag	360
cgcanagggt	gcggancngc	ncnaaangac	nagagaggca	nangnaaaaa	anncatnaat	420
gccngncnng	agaatgaana	acagcgctac	aacaggcatg	nggatatggg	aaacaacnan	480
tggggacnag	anacnnaggg	aangnacggg	annaaaaaag	ggggggantt	naanncnccg	540
anggagggng	cgagnacnca	ntggaaagaa	agggaaagaca	ntncacggaa	ancnganctg	600
acaaangatg	aatangnggc	cacagggagg	aagggaactg	gcctgagagg	gaanaaaancg	660
gnacnnaang	aanggaaccc	agggccaagg	gcaccaanaa	gaaaaaancc	ccngaaaaaa	720

aganggggna ntatgngcct	ggggggggna aaagcccacc	aanttaaagg canaaaaggg	780
gggggnaaaa acnctggmnt	nncaanacan aagggggggc	ccncccgggg gggggnnccc	840
ncgaaaanaa aaacnggggg	ggggnttnan gngggngggg	nnncnaccen ncccngaaa	900
aaggggggca aaaaaaaaaac	cccccn		926

<210> 4471

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(924)

<223> n = A,T,C or G

<400> 4471

acaccttggg tgcnngcacc	gcatnanaac ccantcccac	cacannncan gagcnngtng	60
nnncntnttg gagngggcnn	agngatgncc cgaatccgtg	ggctactagg gagccctcac	120
ttgggctacn ggggtggaggc	ccatgatatt gnggcctcaa	agatgttatg attcacctcc	180
atcaannccc ngaantgaat	aattcttcct atcanttaat	nanggtgatt acccagnaga	240
atgccattnc ggtntgcntt	ggtatttnac aaaaagaanc	tgggggaacc acttgggtgt	300
gacattttat ggggttnaaaa	taatgatctg gnaaattgcc	ccggatccnc catgggggaa	360
tgatagatcg acaaggtcta	cttcatgggt ggagatatga	ttaaangaag ncnatggcca	420
ttgnggttng gaaataatcc	ananggantt ncanccaatt	actgnaaaaa aanttnnttg	480
gaagngnca cccctaaaaa	tctntcccag ttnttagagn	ataccntta cttccttaaa	540
naagggattt gttgaaanng	ncanttttnc aaatntaatn	ccaaacanag gncnaccctt	600
aatnacntn gccaaagnag	cnngttttgn ngatttttcc	caaaaggagg naanattcct	660
ttcngnntt tggcgaaact	gtagnanaat tcccnntttt	gnggtgggag gnnnttagcc	720
cnnttctaaa aaaanggang	ngaacccctt tgtgntttcn	tattccagag cccgctnttc	780
ctcngtaaan aananaaata	aangnccant tnttttatnn	anagaaattg ggncccaatc	840
ttanggacnc tttttgtggg	aancttatna ttcccnaca	tacacaaaaa aaacancctc	900
nccgnccctt ttnnnaactt	tncg		924

<210> 4472

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(902)

<223> n = A,T,C or G

<400> 4472

ttcagaagaa cgcacagatg	aaatgacaca taaagaaaca	aatgagcang aagaaaagatt	60
gctcgccag cttcttcact	aaatcatccc gcagcagcag	ggactcggtc tagcaaggcc	120
atcttggtgc cggacctttc	tgaaccaaac aatgagcctt	tattttctcc agcgtcagaa	180
gttccaagga aagcaaaagc	ttaaaaaata gaggttcctg	cncagctgaa agaattagtt	240
tcggatttat cttctcagtt	tgtcatctca cctcctgctt	taaggagcag acaaaaaaac	300
acatncaata agaacaagct	tgaagatgaa ctgaaagatg	atgcacaatc agtagaaact	360
ctgggaaagc caaaagcgaa	acgaatcagg acgtcaaaaa	caaaacaagc aagcnaaaac	420
acagaaaaag aaagtgcctt	gtcacctnct cccatagaaa	ttcggctgat tcccccttg	480
gctagcccag cttgacggag	tcaaagagca aaccagaaaa	aactacngaa gtgacagggg	540
acaggtcttt gggangggacc	agaaagaaac tgtntttctt	ttnccaaagc anaattttac	600
gccaaaanaa aatgcttggt	antttttttg ggggaagattt	ttaatgtacc cccttntttg	660
gtaaaggtca ntcaaaaaat	aggtggnggg gattanttna	aaataatntt aanttttggg	720

```

naagnaaaaa ataanttttn tttttnaaan ttntttgggt aaaaattttt ttntgggttaa 780
aacaagaaag gggcttttca anttaagggt aaaggtnaac cttcccntnt tgggnggngg 840
aattgggttt caaatcccn cgggccaaaa nnnttcctta ntttttaata ttttaaanac 900
tt 902

```

<210> 4473

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4473

```

gnnnnnttcc naatnccttt cctaatacna gctctcggtc tttttgcagg atcccatcga 60
ttcgaattcg gcacgaggac ttctgaagaa catgaagcaa gcagaagggg gaaagcggag 120
ctgctgggtc agatggatgg tgttggagggt acttctgaaa atgatgaccc ttccaaaatg 180
ggtatgggtc tggcagctct aattttccct gggatataga tgaggcttta agacgacgcc 240
ttgagaaaag aatctatatt cctttgccgt cagcaaaaagg caggaggagg ctattaccaa 300
taagtctacg tgagttggaa ttggctgatg atgttgacct tgcaagtttn tcagaaaaca 360
tggaagggta ttcaaggncg ggcatttcca acgtgtgcag ggatgccttc cttgatggca 420
atganaaagc ncnttgaang ttttgactnc caggaaatcc naaatctttt cnaagaagaa 480
atgcncatgc ctacaactat ggaggatttc nagatggctt tnaaaaaggg ttctaagtca 540
gtgtctgctt gcagacattt gaaaagatnc cagaaatgga tatttgagtt tggatcatgc 600
taaattctcc atgtnaactg tgagaaatgt gcccttaagt gggttgaata ttaaatgccc 660
gtaattcatt ggactggagt gcttatattt ttttttaact ttcattaatg gtaagaattt 720
tttttaaaaa aaanccctta tgaattcttg naataaaaagg ccaatatttt ttnaagcctg 780
gaaaaaaaaa aagccctntt agaaactntt tgtgga 816

```

<210> 4474

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(878)

<223> n = A,T,C or G

<400> 4474

```

ttcctaattc ttggttctcg natctctgca ggatcccttc gattcgaatt cggcacgagg 60
ggggaaaaatg acagaggaaa aagagaaant ggancagana aaaatagtgg aagaaatnat 120
agctaaaaaa ttcagaattc agtgacangt agaaatttac agatatenga tcatatgctc 180
aagaaacacc aatgngaata aatatttann antcccacgc tggttcttgc aaactttttg 240
aaaaccaann ttgaanagca aatnttgnaa gcacatgata aaagccatnc cnnnaatnat 300
ccagttaatt ggcttgactt cttactggaa accctttnnn accanaaacg gncttggaat 360
aaacnttttc aagggttctt ntaaagaana attcgnaaaa ntnttaaccc ccaatttttt 420
ttttttttaa nntgaaagac nccnctnttg ttncccagggt tggmagtttc ccnttccgnt 480
gcccnnngcct tangnnaact tttttggagg ggganactcn tntgactttt nnnccnnggg 540
ntnnnccttt nnttnectng cccnntttcn tntttttgac nttttntgn gcnntncang 600
gcnttnaann ccnntgaccc ccttcnaant ncatngnggg gaaacngggg ntaannggca 660
tangctcttt tatttaagaa agcaccennn naatccccct aaacttttct tnaattnacc 720
cttttnggga cccctctagg ncngetttnn tgntttaccn ngntccncca aanttnacna 780
cttggnaaac nntnttgnaa ntccnggggg aatataggna cctttggaat ttttaaannc 840

```

ancctnantt ggcnngccct ttgggccttt anaaanct

878

<210> 4475

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4475

gngnntntat	agcangctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggtcaaggct	cagtcgccag	catttcccaa	cacaaagatt	ctgaccttaa	atgcaaccat	120
ttgaaacccc	tgtaggcctc	aggtgaaact	ccagatgcca	caatggagct	ctgctcccct	180
aaagcctcaa	aacaaaggcc	taattctatg	cctgtcttaa	ttttctttca	cttaagttag	240
ttccactgag	accccaggct	gttaggggtt	attgggtgtaa	ggctcttcat	attttaaaca	300
gaggatatcg	gcatttgttt	ctttctctga	ggacaagaga	aaaaagccag	gttccacaga	360
ggacacagag	aagggttggg	tgtcctcctg	gggttctttt	tgccaaactt	ccccacgtta	420
aagggtgaaca	ttgggtcttt	catttgcttt	ggaagtttta	atctctaaca	gtggacaaag	480
ttaccagtgc	cttaaaactct	gttacacttt	ttggaagtga	aaactttgta	gtatgatagg	540
ttattttgat	gtaaagatgt	tctggatacc	attatatgtt	ccccctgttt	caaangctca	600
gattgtaata	tgtaaattgt	atgtcattcg	ctactatgat	ttaatttgaa	atatggnctt	660
ttggttatga	aaacttttgc	agcacacttg	aaaagctgnc	tgtggatcat	tgng	714

<210> 4476

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4476

ggttcancga	atgcctgtgg	aanccgcctt	tctctncagn	agcccntcga	tncgtnntga	60
actatcaact	agatcnggga	agatagaaca	ggcntttttt	ncatngcctc	gttnacaaag	120
ngtcatcacg	aaaagtgttc	ctctaggaag	gcataatatg	tgccnggatg	gatgtgatga	180
gtagattgta	aaagggttgg	gattctggca	gaacangaan	agatnactna	attattggaa	240
tcaactgaga	aaagagnnca	ttagcatgcn	ggctaataga	ccctaataana	acngggtgtg	300
aaaagatggg	atctggacct	agaggcagtc	ttagagccat	aatnctngat	ttctnctttn	360
ngngaaagcg	acagggtactt	ntggngctgag	gccataaatc	agntntatcc	taaatggaaa	420
actatatncc	actgggggatg	gtaatcacc	tttngataag	aaagggtaga	anccacaatc	480
ttcaacagaa	atggaactta	tcaatntaat	tnaagaatcc	tcaacagtac	anttttaagg	540
nnatggaacc	ccctgtgnna	ancccangett	ccnactgcca	nngcctnanc	aatectatta	600
tnactgatta	gcnnnganaaa	agaangcngc	ancccnttnc	naattttttn	tttancnnn	660
ggnantnccc	ntgaaaggta	ancccttnt	naaaggggga	aattcnaccn	nanggagcgn	720
nnnnggcnnng	gngaaattnn	ccttgaaccc	ccnaggcan	aaangttgct	tnttancccc	780
agance						786

<210> 4477

<211> 723

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 4477
 gcgntctaata gnnngctctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
 ggaagctccg agtacctgcg tgccctcttt gtctacgaga aggggggctcg ggtgcttctg 120
 gttccagaca ataccttccc cttgggctat tacctcatcc ctttcacagg gattgtggga 180
 ctgctggttt tggccatggg agcagtaatg atagctcggt gtatccagca ccggaaacgg 240
 ctccagcggg atcgacttac caaagagcaa ctgaaacaga ttcctacaca tgactatcag 300
 aagggagacc agtatgatgt ctgtgccatt tgccctggatg aatatgagga tggggacaag 360
 ctgcgggtac tcccctgtgc tcatgcctac cacagccgct gcgtggaccc ctgctcactc 420
 agacccgga gacctgcccc atttgcaagc agcctgttca tcggggtcct ggggacgaag 480
 accaagagga agaaactcaa gggcaagagg aggggtgatga aggggagcca agggaccacc 540
 cttgctcaaa aaggacccca cttttgggtt ctagccccac tctttccacc ttctttgggt 600
 cttttagccc cagctnccct ttggtttttc ctggggcctt tnaacagatc cccactgtc 660
 cccttccttt tncctgttaa tccctggncta ataaccccc acaacttaca cttttggggg 720
 acc 723

<210> 4478
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4478
 naatagcagc tcttggttctt tttgcggatc cctcgattcg aattcggcac gaggctgtcc 60
 actccagttg cccttggtcta agtttagcct aacacacagg gttttgaccc atagttctaa 120
 aatacacaaa ttttgagact acagcacttc tttggaaaga ggaagaatgc aaagttcagt 180
 atttcaatac tttgtatttt acttgaaatt acccttagta gcattctttt ttctctgtct 240
 gaaagctttt gtgtggatga gaaggacat ttcatttcct cccttaacaa agtgtcattc 300
 tgaggttctc atgtgtgttt ttggaaatag agatactggt tttgtagagt ttgcctttgg 360
 gtatgtntc tttttttctt aaatctccaa ggaagagaac tgactaaaat agtaggaaca 420
 tgaaagtatt aaatgccaat taatttggtg tagtaaagta tcttcattag cgttatactc 480
 catcatactt ggtgtaaaact gctcacagaa aaccctatga aaccaaaggg ggaccattca 540
 ggtctaaaaa gcgacaggtc ccgagactgg gtctgtcacc tgggcatttt caaagaggac 600
 attttggaag aatttgcata ttcagatttt taaaatggac ttaacatact tcattacaga 660
 attcttgggt agggangatg ggataggcca nggatgggat ggaatcagtc tgccctgggaa 720
 cttaatnccg aatcatttan ccttctggat taacccttgg ncng 764

<210> 4479
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4479

```

gaggaaatca gtacgctgag gggccaagtg ggaggccagg tcaagtgtgg aggtggattc      60
cgctccgggc accgatctcg ccaagatcct gagtgcacat cgaagccaat atgagggtcat      120
ggccgagcag aaccggaagg atgctgaagc ctggttcacc agccggactg aagaattgaa      180
ccgggaggtc gctggccaca cggagcagct ccagatgagc aggtccgagg ttactgacct      240
gcggcgcacc cttcagggtc ttgagattga gctgcagtca cagctgagca tgaaagctgc      300
cttgggaagac aacttgccag aaacggaggc gcgctttgga gcccagctgg cgcataatcca      360
ggcgctgac agcggtattg aagcccactg ggcgatgtgc gagctgatag tgagcggcag      420
aatcaggagt accagcggct catggacatc aagtcgcggc tggagcagga gattgccacc      480
taccgcacct gctcgaggga caggaagatc actacaacaa tttgtctgcc tncaagggtcc      540
tcttgaggca gcangctctg gggcttnttg ctgtcctttt ggagggtgtc ttcttgggta      600
naagggtatg ggaaaggaaa gggaccctta cccccggnt ntttttcttg accttgccaa      660
ttaaaaaatt tttggtacca agggaaaaaa aaaaaaaaaa aaaactccan ncctnttaaa      720
actattagtg aggtcgtatt accttgggat ccnganattg ataagaatcn nttgatgant      780
tttgggncaa accnccaatt tnaatgcccn ggaaaaaaa tgctttnttt gggnaa      836

```

<210> 4480

<211> 1174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1174)

<223> n = A,T,C or G

<400> 4480

```

tttttttccc tttnaaaaaa antttggggc ccnttttttt ntttttcctt naaaaanttt      60
nggggncccc tttttttttt nnttnnnntg ggnctatnng ggnaaattcc cccccnaat      120
tcctgttaat tttttccggg cccgggaaaa aaggtttccn ttttcngggg gtttcccccc      180
ncgggcncaa cntttccggg tttttcentt tcgggaaatt tcctttccgg ggggttncgg      240
ggaaaccccn ttttncccaa aaaggttttc cccaagnaa attccccggg caaacccgna      300
aaaanggggt tccccnaaaa ggntttcccc aaaagggttc ccccttttng gnttncgggg      360
ggttcctttt nccaaagaaa tcctttcngg tttttccggc cnggggggtt ccaaagggtt      420
tcncccnngg gttcttttgg ggtnccaaag ggnaagttcc cttttcccc aaagtgggtt      480
ccaaaaagaa aggggggaaat cncnaantcc aaagnngtcg ccgatcgaag agtncccca      540
agtctcctga agaggaagga gcggtgtcct ctaagaaaa tgatgtatcg gcaagcagt      600
taaaggagg acttggggaa aaaggaccac atagtcacat gaagaagagt ncttgggaca      660
agcaactggc tattgaaaag gttattttgt aacatttgtc taacttttta cttgtttaag      720
cttttgectn agttggcaaa cttcatttta tgtgccattt tgttgctggg attcaaat      780
cttgtaattt agtgagggtg aacgactttn agatttcatt attggatttg gatatttgag      840
ggtaaaaaatt tcatttttgt atatagtgtc gacttttttt gtttgaaatt naaacangaa      900
ttgggtaacc taaattttgt ngggnccttc tggacttttt naagggaaaa acgttggttg      960
ccaggncctt ttctacaacn aggcntaaa angctgttc aaagaagatt ttggacntcn      1020
ggggantttg gncnttttaa ntttcctttt aaaaatttaa aaaaaccctt tccaaaaaag      1080
tttnggtggg taaaaatttg gngatattgg gggttanttt tacccttttc ntnaatcttt      1140
taaaatnngg ggtaattttt gggaaccccc aacn      1174

```

<210> 4481

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4481

nctnacacng	nncagatngc	accacettat	ggnaactncac	acatntngng	nntaattgcc	60
tnnaatttgn	nnaangggat	ngcctagtgn	tncntgncn	cagaagggaa	agtggmntan	120
atagaaaang	acancnngg	ctatatacac	ttaannnggt	natagaannn	ggctactgaa	180
gtcnnggact	tntannattn	aaancctaaa	tcacttnttg	tnggacgggt	ttcatntacc	240
tgccanatat	acagcccann	accnatngnt	ggngtgagg	atnnntgtgc	cgggnttctn	300
tntnatttct	aacaccnna	gttgccataa	anntactccg	gnntattttg	nntgctcnca	360
aacttgattt	tttttttctt	aaccaccgct	tganttagtg	gtcctcnatt	nnggntnnag	420
aaggatnccc	acntgaaagg	ngatnaactg	gtcgnnccan	aacanttggt	tggntctctg	480
tcacttttca	agnccatnta	gtttncntaan	anccgcgggg	tattccnctt	tccnngccta	540
ttttttttnc	cntganaaca	ttcngtnant	ttanaatcng	ggggaangac	cccctttnaa	600
naaactgngc	ccctaantgt	tggtttncac	ttncncggac	gnnttntttt	ccaaaaaagn	660
ttgctttccc	cnenttccan	aaaggaacna	attnttctta	aanaancctc	tnntcncctc	720
ggggaagaag	gcccagngc	ctttgggaaa	ccncaagggg	gacccccnnc	cntggacaac	780
tnannaacnn	nttcnngng	cccaaaccctc	ttnanttggc	ntnncccngg	tccttanaac	840
ananaaangg	gcgganntnt					860

<210> 4482

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4482

ntttccaaaa	tagcttgggn	aaactccnag	agcnatttag	nganactttg	aaancctttg	60
gaaannccna	annattnnaa	aanaaacng	nnannntttt	nncaganaan	nnancanaaa	120
nnnnacnnng	ggttttttct	aaanaacncn	cnangataca	aatgagaaga	naatnnaaaa	180
aaaaagannn	nnntnannaa	ttnnatnaaa	nacngagtgn	aanngaaacg	cnnnaaaaaa	240
aaaacanata	ttaaanaaan	ttannnnaaa	naagnnnaaa	annacacatn	ntcnaaaanc	300
nananantnn	aancnanana	nntntatatc	anctanntna	ntannnaaac	ntatnatnaa	360
ntntanata	ncnanatgna	nnaaacagna	acnnatannn	nnaanaatgn	atatgtntta	420
acnatataan	tntnttagan	aganatgata	nntntaaatn	nnnnactata	tanataagaa	480
tatatnacag	agcncctnca	canatgatac	actganncna	tnntanantc	aanngtggac	540
tntnnganta	taananggan	nacanactag	acnatnnntn	gaaaaganaa	atngnggana	600
canannagnt	tacganatna	nanacagncn	natanncnan	ntntgtcana	natanatagt	660
ancnancaaa	gaanatggan	nnnacgacan	ntnccgtaca	tcnagacgnt	cttactatac	720
atacnagagn	gagancacnn	ncnacactnt	gcntnnnaac	atntgtanna	nntanatana	780
tanaatacac	acnagccnnc	atatattaca	cgnagantga	gnncnctacg	tanantatat	840
atanncatcn	ngaananatn	tnacangtat	acnccgtanac	ntacagagtc	atnacacgta	900
antctagtna	tctnttnang	aacantntta	anangatatn	attnnaaang	atatnagant	960
ctacgtangc	gcgnaantna	atntacacat	cnanatatag	acnanacgtg	atntnanana	1020
tganatacta	tganaacnnn	tcnnaacact	nacatatnta	tanaaataca	taagagtana	1080
catncacaan	cacatacaga	gananaanna	cacanaanan	atacataatn	aanananntca	1140
tgantanact	taatcacgna	aaanttanna	agcnattnaa	cganngaaca	ngntacntat	1200
acggntanaa	tacncataaa	ntancancta	nanaannaaa	gnnnnnntnn	cacanannac	1260
tnaancatga	cgatanataa	cangnatctc	aatantnaga	cntatgaaca	aaantagacg	1320
aanagtaata	tatatcnnta	gatnantana	nnaacgagac	cactgaacnt	ntnnanatat	1380
ntaanacatn	aactacaata	ncacacc				1407

<210> 4483

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4483

gcgacgcgcc	ganggnaaaa	ccccnaggcg	gannncaagg	acgcggagnc	ggcacgaggn	60
gagagagatc	angccgcacg	ggccncttna	nnnnccccc	cgncgnaann	cagcaggcgg	120
gnccagtgtg	cnetgcatcc	ncacccngga	ggccgacgac	actatcann	ccacnnatag	180
gnngaggaga	cagaggcaca	gagcgcccaa	agccccacag	cnggcgagcg	gcagggcnag	240
cgagcgangn	ccactagacn	ggngacagac	gcagaagccg	cgcannncac	ccccgggaac	300
nggaagacaa	cncngacga	gcgagacca	ggagaacgca	cagcnagcc	agaaaangnc	360
nngcaaccgc	anacangcan	cngacagaaa	ngcgacngcc	cacggaaaaa	gcgagcaacg	420
gaacnaagag	accaacnagc	ngccgggggc	aagggaancg	ggcancnngg	cgncanacna	480
agaccgaanc	gggaagccgg	acccaacccc	aaaacggcca	aaggggacan	accacaaaca	540
gggnanccca	aaaacaccaa	anncnannca	caanccgaag	gaaaaggccg	aaaccaaggc	600
ccgaggncan	ggngagcacc	aacngaagcc	aaaccgggnc	aganncaaac	ccgnaancac	660
ccaggaggca	ncaggccggc	cccnggggga	nccaggcaag	gnncccggn	aaaancccca	720
gnnccnngcc	cccnggnncc	angggggaaa	ccccg			755

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1273)

<223> n = A,T,C or G

<400> 4484

anggnnnnnn	nnnnnnnnnn	nnagttnnnn	nnnnnnnnntt	tttttncccn	aaaaaaattn	60
gggccctttn	nttttccaaa	aaaatggggc	cctttttggg	ggncaaattt	ttttncagan	120
nnncnnnang	ttttttggaa	aaannccccc	ttttttgggg	naaaacnnnn	nnnggnnnnn	180
nnnnnnnnnn	nnnangnnng	gggnnnnana	nnnnngnnnn	nnanggggnn	nnnattnntt	240
ngnannnggn	nnnnntnnna	ngngnnnnnn	tnnnanannn	tnnnnngnnn	nnnnngggng	300
nnntttnnt	nnangggngg	ggnannnnng	nanannnnnn	ggnnggggnn	nnnnngnngg	360
ggannnnnan	atannnnnan	nnngnnnnnn	nnnanntnnn	ngaattggnna	annnnnnnta	420
aggggnaacn	nnngngcnaa	aaannannan	gaggggagga	angnacngaa	ancnnagagg	480
tanngaanaa	aatcgcacgg	gaacntggga	aacnaaaana	tcnannnctt	aacnaanatn	540
taaagnaaca	naaagcnnng	nancannngn	tgnnctgtta	gnagatctcn	ngnaacaatt	600
tntaaangga	tnaaatctnn	angnaagagn	agctnnga	ngnanangaa	aangaannnn	660
naaacngang	annacanata	aacnaagngn	aaggtnnctg	gantanaaga	ggatnaagaa	720
cgtngaaanc	annaancana	nanaactnga	tgcccanctg	agnttnnaac	nnattatnnc	780
aangaaaant	gncntacatc	anattgggaa	natctaagcn	tcanaaaana	attnnagnan	840
agnatncctn	ngtatanaaa	ctnngatnct	nngnacgaag	ctataanaat	aanngggaann	900
nnncataann	gnannaanna	aataatntat	nntggtnggn	gncntatann	taagnaangg	960
catacaagat	natataagan	aagntactat	naanatncnt	ngggaagnga	ntcnacacac	1020
tantntntnc	ccnntggang	nnatnagatn	anncnanttn	ngnntancnc	nnctgtcatn	1080
ntnaaagaaa	ngttnanaca	ganatcctcg	atanananaa	agncaaagac	anaggnanna	1140
caaacttngc	nnannncaaa	ngtcacttcg	tantnnacat	ngnaatanca	natnatnnnn	1200
anacnncgna	angcacaaaa	ngtananana	catnnataaa	aanntngnat	gntcgacngn	1260
agaangctcc	ncn					1273

<210> 4485
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1240)
 <223> n = A,T,C or G

<400> 4485

agggnnnnnnnn	nnnnnnnnnnnn	nnngagggtn	gnnnnnnnnnn	nnnnnnnnnn	ncccnaaaaa	60
aantgggncc	ccctttnnnn	tgccaaaaaa	aaatngcccc	cnntttgggg	gcnaaaanat	120
cngggcccaa	ancccccaan	gcnnntttann	aanccggngg	gnntttcccc	tngggtnggg	180
ccccagggna	aaannggaaa	aaaggtntna	aaaaaaaatn	acctntgggc	ctttaaaagg	240
gaaaaaagg	gggggnaggg	ggggggnggt	tgggggggga	aagggggggt	ngggtnangg	300
gggaagggaa	gggggnaaag	gggggnaggg	gggaaaaacn	gnnnnnnnnng	ncgggggaaa	360
naangcnnnn	cnannnnnnnn	aaannnnnnnc	nnnnncnnccc	nnnnnnnncca	nnnnnnnnnag	420
agccncnggn	nnnnnnanaaa	cacannnnnag	gccgcccnng	nnacgnaagg	ggccngggca	480
ngaaaaaanga	aaacagcnan	ncannncnnt	gantgcatnc	cgactgaaa	gganggncaa	540
acacnggang	aggnnnnnnt	ccnaagannc	aagggcaaata	naaggacct	gggnncnntn	600
ggacacntaa	agaaantgna	ncggatgnct	nccanattgac	agagangact	gggnngcang	660
gggnatgatn	aaaagtaacc	canngaagaa	acnggnnnna	nnaccngata	anncgntngc	720
aanctngana	acggcngaac	cnnnnncacn	agcannnnnc	ncnangcana	anaancnata	780
ngaaaanngg	gnnttanagg	gggggntncn	cacanaaaan	ggacntatgn	ganagcnggn	840
caccanannc	naaaancnaaa	nggggggnant	gaacnatang	ggggcngggn	nnanaggggc	900
nanngngnan	canatanann	ccntngnggg	ggcnaagtaan	anancngga	gcncggncan	960
ccanaaaannn	ccgccanaaa	ccaggcannc	aannnnccnn	gngannnncca	gccnatnnca	1020
nganggantn	aaanaggnan	cgngcaaaga	gccnacgana	gcaannngna	cnatnnantc	1080
anngaaacgg	cnnaaacnnn	agagncgaat	cancgacacg	ggcaaacant	naatagacaa	1140
ncacaannca	ngtnngngag	aagtaacncc	ggctncatnc	aaaacnnccn	cgntaccca	1200
aanngnacnt	ccannnnnnnn	aanaaanacn	gtgcncgacc			1240

<210> 4486
 <211> 1444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1444)
 <223> n = A,T,C or G

<400> 4486

nnanaanana	ntaantnant	nanannannn	nganaannna	nnaannnnnn	annncnnnnnn	60
annnnnaaan	naannatnnn	anganannan	aaaananata	aanannaann	anaanaaang	120
anannnnann	nagangnnan	nnaaannatc	naannannna	nngannaagn	nannnncnna	180
tannaagagn	aaggggnatn	annaaagggg	gagcnnaaan	angnganngn	ggaanatngg	240
angnannnan	tnaaaannnn	ananananan	ggggagagtt	cctaaaggtt	gggnaaaaac	300
ncacnnncna	aaaaaagacg	agnaattggc	antggannaa	aactatcact	aangnnacca	360
nnncacaant	nannggttn	caacactaan	nnantnnnn	tnctangnga	nganattaa	420
cnntnnnnnn	nttnnnaatc	tancatcn	cantanntan	cnmatnaaa	ntcnnancta	480
ancannnnan	nnaganncn	attgaaaaat	tanaatatnc	acnatancaa	annaacancn	540
antaatnnaa	naannaaann	naagananng	ccaancatcn	anagncnana	annacaatcg	600
naacntaanc	ancnattant	tatntnncaa	anganattaa	nnacnngctn	tatntaaaaac	660
tacatantct	naanncnaat	antatntaat	nnatntanac	acanatcana	gnagnaaaaa	720

nagntaanaa	acntctnnga	ctantaanat	atctaactnc	acaaaagata	aatcannac	780
gtatacgant	tatnganann	actcnacaaa	ntctatnann	aaangnntca	canagtancn	840
tnaanaanan	tnnaacatna	gagcatngcc	acaangtata	nnaatataaa	ntagtancac	900
antatnnctc	annnaacata	tnnatanngn	tatnntggag	ctanannagt	ctnannnnan	960
agacacatnn	ncanaatann	tatatnnaaa	nanaacaata	ngtncntgat	nnannncnac	1020
ncacncacan	atacantnca	tnaanacatt	nacacaannt	annanaatca	canctaacat	1080
ctcatnnata	cnannntcct	tcacatannn	tcnnactatn	tantcactnn	aaaaacataa	1140
nannanggac	aactnnacnc	nctaattntac	canatnnncat	anangatana	tagancnana	1200
acaaanatta	gaantanata	naaaattttaa	acgantcata	naaatattnn	aannanacac	1260
atancncanc	aatannaact	acnattanat	catnacanaa	ntantcgacc	ataaananac	1320
ataaatanta	tnannaanat	nanntaagg	ccanncanat	taaatcacat	atatntatat	1380
anatnanaat	gncagaagat	atananncna	taactaaaaan	tanacatnta	atantcncta	1440
tnng						1444

<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1390)

<223> n = A,T,C or G

<400> 4487

ggnnnnnnnnn	nnnnnnngna	nggtttnnnn	nnnnccctt	tttttttgcc	naaaaaaaaa	60
ttngcccccct	ttttntttgc	cctaaaaaaa	ttgggncctt	ttttgggggn	aaaanttttt	120
ttcccgnnnn	gnnnnaaann	tttttttnna	aannnnnnnn	tttttnnnnn	nnnnnnnnnn	180
agggnnnnngn	ncnnnnnnnc	ttnnnnnnnn	nnnnntnnnn	nnnnnnnnnn	nnnggnnat	240
tttttttttn	nnnnngncta	tnggnnngna	nannnnnnnn	nnnnnnannn	nnnnnnnnngn	300
ggggganant	ntntattnta	nnnngnannn	tnnnngaggg	nnnnnnnta	ntnggnngnc	360
ganngnnnnng	atnaannntg	gcnnngnnng	nnnnanatat	nanatnannt	nngncannna	420
atnnngnnnn	nnnnnannag	ggggggcgcc	annnacaanc	anttaagcta	anaaattncn	480
antnanntgc	tgaantgaan	gaacatncan	annttaacan	nnctgnangg	ctanntgaag	540
ncaanatggc	ttcaannaan	gcntnntang	gacttanggn	tacnggntat	naggnacctn	600
cttanntnnt	nctaaccnta	tctngaacgg	nctncacctc	nnaaattgna	ctantatnnt	660
aaaaannatc	atnatnanat	ntnngganaa	ngctgtcaaa	aantnnnnna	ancnnnnngg	720
anannngtat	ctanntnnac	ntggaatgnc	ntaaacctat	aaaaaannan	gnnataaaan	780
ntcaacnnan	annnanacnt	aaatntanac	cntntaaagc	ncntanacnn	atttcgagnn	840
cctngacaat	antttttaann	tcatacaaat	gtgnngggan	antncntata	cacgngggta	900
nantgnacnn	nnnatcttgn	ggtanaagnn	tnctanagcg	ntatntnttt	agnggnnaan	960
atantntntn	gaggtatcat	gagnntaact	ctcnnatnna	nnctgatnta	cctcacgtng	1020
tgtgnatatn	mntncantnn	atctctanat	ncntatanat	atcgcanaan	atntacanca	1080
cnnnngtnaa	tatantnnnt	annntntacn	ggantngagc	tctacagatg	ttntcganna	1140
anatttttang	anaaaaaatag	gtacanatan	ntgnggggnac	tnataaaacn	nganggnnnn	1200
tnnttttnnaa	aaggnnnnnac	agnactttcn	atnaatagga	tataactcca	ngagcnactt	1260
tancccanag	atcatntcat	acgncgngna	annnnnncta	ncataagnct	nttgagccna	1320
tacnngctnt	atancnacan	gnatannnca	tnnggaaagn	actctatnan	gatnnanann	1380
cgcncanacn						1390

<210> 4488

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (960)
 <223> n = A,T,C or G

<400> 4488

ttctaattngc	trgctctcgc	tctcttggag	gntccctcga	ttcgaattcg	gcacgaggct	60
cgtgggaggc	tgaggcagga	gaatctcttg	aacctaggag	gcagatnttg	cagtgcagcca	120
agattgtgcc	agcctgggag	acaggggtgag	gctcttgtct	caaaaaaaaaa	agtccacatc	180
ttcatgaacc	ctnagactct	ggagttgggg	tgctggcttt	tttagcccag	cttttgtggg	240
aattgccttt	tgacctatta	aagaangaaa	gtggggtaat	gggagtncca	gccactcaag	300
agactnggat	atcccccccc	aaaatgggtt	gggttaccna	gcttttgunc	cccntnggaa	360
aaatgaaaat	ctnaaacctn	tntcanctgg	gnttttnncn	tttgccaaan	ttcattttng	420
ngtttttaaa	nttttttctt	aattnaccan	ttaaaactcc	cttatttttc	ccatggttct	480
tncaaggggc	cccttggggg	ttnaacanga	acnaccagc	tttnganttt	ttaanaagcc	540
angaccattn	tgggcggaaa	ngaaaaaacc	aatggggcaa	tttggaatn	ggtgncnnga	600
agtncccnnn	acaaaaatng	tttaatttta	attattaccn	cccattccna	aaatttttna	660
aggaanaaaa	aantggnaan	tttccttttt	angggtttcn	aaaacccctg	ggaaattnga	720
tttttaaang	ccncnaaatt	taaaaaccct	ggtttgccaa	angttccaaa	naaaaatnac	780
atnttacnat	cctcttcata	cctaatcnct	cnactacctc	aatncttnt	ncanactctnt	840
caactnttna	nnattnccat	tctngatatc	canntnanat	aacnnatnnc	ncntanaaaan	900
ntnnttatct	nanataatnn	ttctgcnatt	cnntctcatc	cctctnatnc	tcnnntnct	960

<210> 4489
 <211> 1024
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (1024)
 <223> n = A,T,C or G

<400> 4489

aatncnaggc	tctcgttctt	tttgcaggat	ccctcgattc	gattcggccg	aggattccga	60
gtgtttacta	agcctgttga	ccctgatgag	gttcctgggt	atgtcactgn	aataaagcaa	120
ccaatggacc	tttcatctgt	aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	180
gactatttga	gagatattga	tctaattctgt	agtaatgcct	tngaattcaa	tccagataga	240
gatnctggag	atcgncttat	taggcataga	gcctgtgctt	taangagana	ctggctatnc	300
cnntaattta	aagaaaaacc	ttttngaaac	cttttncnng	tnnttngnan	gaaantttcn	360
ggaatntttt	aaanaaaaaa	angnttgnnn	ncgttcccc	naaaaaattn	cccccccgnn	420
ttttaactna	ccnctgggtg	attgggccc	aaangcccaa	aaatttnccc	ctcctttggg	480
ttggggnnng	atttaaaaag	gattccntga	nccccccgna	ggcccngnaa	attggganaa	540
aaggctttan	aggaacaccc	ccgggggtta	ccttnccctg	gtggggncct	ttggccaaan	600
cnancntttc	cttnggcttt	caaaattttg	taaangaaaag	ggganaaaaa	attttctngc	660
ccaaanaaaa	agggttccaa	aaaaaacctt	gggntgacct	ttttaanggg	nccacccccn	720
ttttnttaaa	aaaaaaagcc	cnnaaanggg	ggaaaggaaa	tttttttnaa	ccaagggggg	780
cccaaaaang	ggattgggna	tttaggnccc	cccggaaaat	tgccccctnt	ngggaattcc	840
nccccaaaaa	atttggnnna	aagttggant	tccccccang	gggaaaacct	tcanggaccc	900
caaaggtggt	tagaatccat	tnatggggga	cccggaaaac	ncnnggagaa	gtctttcggg	960
ngggaagaaa	attnanaaaa	ccgccaant	gccnttttn	aaagcaaact	tggaattggg	1020
aaaa						1024

<210> 4490
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (834)
 <223> n = A,T,C or G

<400> 4490

gnnnnnnntnn	nnntttcaaa	tgcttngcan	tcgcttggnn	gcaggatccc	ttnggaagcc	60
nttggacgac	acgtggcgtn	ccgctgaatt	naagcatatt	agtcagcgga	ggaaaagaaa	120
ctaaccctct	agttttaatt	ggacacttct	ttgctgnngc	aatctatgcc	gngtatnnnn	180
gctntaagtc	agaaccttgg	attacaaaac	ctcgagcncc	cccagnagt	gtgctgtatt	240
gtcaaagcgt	gntctgtaat	atttcctcta	atttactcag	aaatgaagta	tatgggtcat	300
taagcttaaa	ggggaacat	ttgtgaatga	atatttggaa	cttaccaagt	cctaagagac	360
ttttggaaga	ggatatatat	agcatagtac	cataccactt	ataaagngga	aactcttggga	420
ccaagatttg	gattaanttg	gttttgaagn	tttttggata	taaatatgta	aatacatgct	480
ttaatttgca	atttaaaatg	aaggggntaa	ataagttaga	canttaaaag	aaatgattgg	540
taccataaat	tagtgctaan	gctgaggaga	actacaggnn	ttcctttgga	ttaaggattt	600
gagangagtt	ggtggggcat	gcaaattaaa	atggaagaan	ggaaaaaana	aanaaaaaaa	660
aaacctcgga	gncctctnga	aaccatttag	cgggggcngn	nttaccnnng	aancccnnga	720
catnggtnaa	ggaannccan	tggnanggaa	nttnnggggc	aaaaaccncc	caaccntgga	780
aangccanng	gggaaaaaaa	aaaggccttn	aanttnnggg	gnaaannncg	ggcc	834

<210> 4491
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (940)
 <223> n = A,T,C or G

<400> 4491

gtaggcccgg	nttaagtttt	acnnttnaaa	ttttcagcca	cngantgggt	ccntnncgnc	60
cggnnttctt	ggagggtttt	ttntggattt	tctnttttcc	tnncnaccat	tttcattncc	120
ttcatnattt	cngngccent	tacntttaaa	ggttntaccg	tccggtatng	cntaatggaa	180
ggggtaaaat	cnggnnaatt	catggnttgg	ccattctggc	nctgngtncc	ccntncnnan	240
aggnettnac	cnaaccttga	tggggncntc	tacttcccc	ctaagctttt	ttgtgccacc	300
tngttgnttc	ttaggtacaa	aactattcca	aatggtaacct	gncctggatc	cntnggccaa	360
tggggaccnc	atgggtaaga	ttctgggtnt	ttttaaccat	naaaaaagng	ccattaaana	420
tcccggntna	agattncaaa	atgntattgg	gggcttccat	gaatgggact	tgnggactgg	480
aaattctctg	gggantcaat	gnaataatgg	tnaatgaatg	tgaagacctn	anaccntgca	540
ntacttggan	acttcttana	cacttgtgcc	aatttnggat	attacctana	atttatttta	600
aaaatgggtt	tttcntttcc	ttttaagtaa	attaaaattt	aacccttcta	ggcctttacc	660
tggnnaaaacc	ttnttttttt	ttacccttcc	anttaaaacc	ctttaaaaaa	anttttttaa	720
aaanttttnt	ttggggaccn	tnnttttttg	gttaaaaaan	aaaattttta	gccntttttt	780
ancccccccc	ctnntngaaa	aaaannnttn	ggnaaaactt	ccngggggnc	cttttttaaaa	840
aaccttttag	ngggggggnc	cgaattttac	ccgtgggaaa	ccccncncc	cttttatnaa	900
agaaancccn	tttggtatgga	agnttttggg	nncaaaaccc			940

<210> 4492
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4492

taatanctng	gctatngttc	tctttgcagg	atccctcgat	tcgacaccca	atggcgggtn	60
acgccggtgc	anaggggggg	cccgggggcc	ctggtggccc	tgggatgggg	aaccgcngtg	120
gcttccgcgg	aggtttcggc	agtggcatcc	ggggccgggg	tcgcggccgt	ggacggggcc	180
cgggggccna	gccccngact	tncngaggca	aagccnagga	taangagtgg	atgccccctca	240
ccaanttng	cccttgggtca	aggacatgaa	gatcaagttc	ctggaggaga	tctatctctt	300
cttctgcct	attaggaatc	agagancatt	tgantttttc	tngggggcct	ttttcaaaga	360
ttaaggtttt	naaaaaattt	nccaatncnn	aaacanaccc	ttccggcaac	gcaccangtt	420
naaggcattt	gttgctatnc	gggactaaca	atggccacct	cnggtctggg	tgtaaatgct	480
ccaaggaagt	ggnccaccgg	catncgtggg	ggcattatc	tggccaaanc	tcttccattc	540
ntccccctgc	cncaaaaggc	ttacttgggg	ggaacaanat	tnggcaancc	ccaaaanttg	600
tncttttgca	aaggtgaaca	aggncattt	tcgggntntt	gtggcttggg	ttacccccctt	660
aatnncttng	gaaccccaan	gggcaacttg	ggcattntan	ttttcccgt	acctngtggc	720
ccttaaaaaa	aaacttnttt	cattnantgg	cttgggggatt	ccaatgnant	ggcttacaaa	780
ctttaaacnc	ccggggggctt	tcaannttgn	tcaaacctt	tngggnaaaa	ttttgnccnt	840

<210> 4493

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4493

cntttttgaa	ancccttggc	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagccaa	cgtgttaggc	ctncnnngca	cgnnnctnaa	gctgnttctg	aatgagaccn	120
agncncntga	anttnacaaa	gacatccccg	ngaagacttt	gaatatgaan	actgngtgtg	180
tcnatgngtt	acnaacaaca	ntatacttct	nnctngtntc	natcaatggn	natngggnaa	240
cccttcccta	attacacctn	tnccctacac	atacntnccc	atnnacacac	acntgaacac	300
actgangatg	tnccctttaa	gtgtgngtnn	aatntgctgc	nngnattgaa	attnaaatgg	360
gattgatnan	tcaagtgact	tgagacctga	cagcatcttt	acactnaanc	ttagacannt	420
atgcnctcat	gtgggcagca	ngttacaatg	gtacttnagc	ccacagtnta	ttgctatact	480
tgagttctta	actcanaaca	tatatnttga	tttgaatggc	atantgtata	tatnatttca	540
tgcnctttta	aaattatctn	anaccncttt	natganatgg	gcagnatgat	aantgtctaa	600
cacctgggat	ttaactggat	aattttgctn	gaatctttta	ngttttganc	tnntcaggac	660
nagttaacag	acctcanant	gttccaaagg	cttaaattgn	naactcnaag	ccctttttna	720
aaattnatgg	agtccaannt	tacctgggan	ccaggacant			760

<210> 4494

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (793)

<223> n = A,T,C or G

<400> 4494

tnanngtana	agacnncgng	naaagcccat	cagccggaan	gcaaaggncg	cgggtggccc	60
------------	------------	------------	------------	------------	------------	----

caagagngggg	aggagtgggc	tgacagaagg	cccnntccc	anccgcgcac	nggcngaccc	120
ccaggggcta	ggatacnnga	gatgaggaac	ngganaaggg	gcncaaagag	cacanntgac	180
tggnagagga	cacagagctg	ncctncaagc	anangaacga	agnncncata	ccccnggaac	240
ctnccccnct	ccaggctcac	accncnagct	ccancaanga	nacctnangc	gacaacannn	300
aagnnccctn	ccccaaccta	gnccnncagc	ccnaaangaa	ngaacacaga	tgaanagccc	360
tgaagacanc	nggngnccac	aggnggngcc	cgangcnccg	ggtgaaagtn	gaaganngac	420
cagtaagagg	gaagaaagaa	tggtcctccc	ctcanttcag	agaanacatc	ctagtcacaa	480
gngcccctaa	ngcacncaag	gtctnnngana	gtacattccc	ctcactganc	ccagnagaaa	540
nacactacca	actgangcac	canctaggat	taacaacnag	ccaagcctcc	ccttnccctt	600
cncaaggaaa	cntcncccca	caaggggcnc	cccaatccag	aaaatgccta	taaanccctg	660
gccaaacttcc	ggggaaaggg	gaccnccnng	aagaaacaaa	ttnaaaaana	aaaacnacccg	720
ntaataagna	accggggnga	aaaaaggncn	aaccnccaa	aggggcccccg	ggcaaaaaaa	780
atccccaagg	ccg					793

<210> 4495

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1487)

<223> n = A,T,C or G

<400> 4495

agggggaggg	gnntttttan	cncnccccct	ttagggngga	aaaaaaancc	cccnttttttg	60
gggagaaaaa	aaggnccccc	naanntangg	gggaganatg	nnngaagagg	gnnannggggn	120
aaagcanacc	naaagngggg	anannnncng	nnaaaaaaan	gcnnggncaa	gacagnaagg	180
ggggncgaga	gagnnngcng	gggaganana	aggggaggnt	ntntgagnna	anggccgaat	240
ngacgaaggt	ncggatgggg	gncaannang	ggnganaggg	gaaaggngna	anggnntacn	300
ngngantggg	aaangnnnat	nngggggana	aaggngantg	agncggggcaa	aannantann	360
ncggatangg	gnataggtng	antgangtgg	angntancnn	agataggcgn	agannngaaa	420
ntgagnatnn	tgnnacacna	tggggnataa	ggcnnnnann	gaangganca	ggangangaa	480
ngggcatant	agggcggaang	aagaannnnn	gntaggatgg	nngnaaaana	aaantgntnn	540
ngaaagagaa	nntgangnaa	gtgncggaga	aggacgaaga	ataancnatg	cggaagnann	600
aaggngngang	tnnaaaagggn	cangaannca	gaacatngan	gncgaaaaag	cacaggnnnnn	660
anggaagngg	gtgcnaagggn	gnaanaagag	ctatnagggg	gaaaggaagn	ggntgngggga	720
annngaagan	aaggggaggn	aagcaaggaa	acgatgnnan	agaaganagg	taaacgcaag	780
naggtatnaa	naaaganaca	ancgangtga	naggggaagg	gngggncaca	atgaangang	840
ngaattggnta	ggacgcanna	agacntagan	ganagncaaa	gacgtagnng	caaagganga	900
nannnacgcn	agngngggaga	cgtaaggggn	angngtnagn	cnaanagata	nggannnnnga	960
aaanagggng	aggagangta	gaaagncgaa	cagnnnnnang	ngagngtggg	ngtaganaga	1020
ntnnggaaaa	aaggggacgc	gtanganaac	gnangacgca	angaggaacg	aagcnaaana	1080
gagnnaggag	nananaagcg	aggaganaan	gatnaggggag	agntgagana	naacgaatgg	1140
ncganaagag	agagnaggtn	ngcanngagn	agaagancca	nggagganna	gantgacngg	1200
nagnngagag	aantacacnt	atnaggnnng	agaagataaa	ngcngagaag	atngannngg	1260
angaganacg	anagnnatgn	aganagnnaa	nntagnagag	agagagnngg	ngagagaaaa	1320
angtgagagg	agaggnnaaga	ngaancngga	gnggacagga	ngagagnnnt	atgnnnnggnn	1380
anggganagt	gnntntcntg	ngcnacannc	nnatnnggac	nacgagatgt	gcanaganan	1440
gngngngnaga	ngnnngntag	atagaganna	nagggnataa	gagacng		1487

<210> 4496

<211> 768

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4496

tnnaggttng	nnntgtnggg	cctnttnncn	tngttgtaan	cgctggctng	ctcgcanan	60
nctngctgnn	gcgaattcgg	cacgaggtgc	attgnggccca	atggtggcnt	ntgtagttcc	120
tgaacatcag	ctgggaactg	catatggctt	catgcagtcc	attcagaatc	ttgggtnggc	180
catcattncc	atcattgntg	gtatgatact	ggattctcng	gggtatttgt	ttttgggaagt	240
gtnccttaatt	gcctgtgntt	ctttgtcact	tttatctgtg	gtcttactct	attnggtgaa	300
tcgtgccag	gggtgggaacc	taaattatnc	tgcaagacat	aggggaagaaa	taaaatttttc	360
ccatactgaa	tganangtnc	aatgaatgt	gncatgagaa	tgggcttaac	acatcgttgg	420
tttgaaaact	tncattttta	aaaatttaga	gtttagtcac	tagaaaaaat	aatggactgg	480
aaagtntat	gtatatccaa	atatacctat	ttcaaagtgt	atttgtgagg	cctgttntag	540
cctgtgtctt	gtgtattgng	tgtcgctaaa	ganttntact	tttacnngc	tcacaaacaa	600
tgaaaggggt	tgaaaattgc	tgtggaacat	ccacgtganc	tttttngaaa	gacagtnaaa	660
aaatggnaaa	cgtttggagc	tttctnttga	gataatctac	atttaggnaa	tataatctta	720
agggatacac	ccctttncct	ttattcttat	nncangaaaa	aaaaanct		768

<210> 4497
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 4497

gngnctttan	atancttgct	cttgttcttt	ntgcaggatc	cctcgattcg	agcggccatg	60
gccaaacttg	aggtgaagaa	agcattcatg	ggaccactga	agaaagaccg	aattgcaaag	120
gaagaaggag	cttaatgccca	ggaacagatt	ttgcagttgg	tggggctctca	ataaaagtta	180
ttttccactg	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	240
acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	actagaatgc	300
agtgaaaaaa	atgctttatt	tgtgaaattt	gtgatgctat	tgctttattt	gtaaccatta	360
taagctgcaa	taaacaagtt	aacaacaaca	attgcattca	ttttatgttt	caggttcang	420
gggaggtgtg	ggaggttttt	taattcgagg	ccgcggcgcc	aatgcattgg	gcccgggtacc	480
cagcttttgt	tccctttagt	gagggttaat	tgcgcgcttg	gcgtaatcat	ggtcatagct	540
gtttcctgtg	tgaaattgtt	atccgctcac	aattcccaca	acatacgagc	cgggagcata	600
aagtgtaaaag	cctgggggtgc	ctaattgagt	agctaactca	cattaattgc	gttgcgctca	660
ctgcccgttt	tccantcggg	aaacctgtcg	tgccactgca	ttaatgaatc	ggccaacn	718

<210> 4498
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4498

gnagnccggt	tcnnangcnt	nggctnnatc	caatgctggc	taaagttcna	ananctggca	60
------------	------------	------------	------------	------------	------------	----

acnccaggan	ncangcgttg	cgaattcggc	acgaggagga	attacaggta	gcaaattatg	120
gagttggagg	acagtatgaa	ccccattttg	actttgcacg	gaaagatgag	ccagatgctt	180
tcaaagagct	ggggacagga	aatagaattg	ctacatggct	gtttnatatg	agtgatgtgt	240
ctgcaggagg	agccactggt	tttccctgaag	ttggagctag	tgtttggccc	aaaaaaggaa	300
ctgctgtttt	ctggtataat	ctggtgccag	tgggagaagg	agattatagt	acacggcatg	360
cagcctgtcc	agtgctagtt	gcaacaaatg	ggtatccaat	aatggctcc	atgaacgtgg	420
acaagaattc	gaagaccttg	tacgttggtca	gaattggaat	gacaaacagg	cttccctttt	480
tctcctatng	gtgnactcct	atgtgctgat	atnccatttc	ctagtcttaa	ctttcaggag	540
tttacaatng	ctaactctnc	atgatngatt	cantcatgaa	cctcatccat	gttcatctgn	600
ggcaattgct	taccttgggg	gntcttttaa	aaagtaccac	gaaatcatca	tattgcatta	660
aaacccttaa	aagttctggt	gggnatcaca	gaagacaagg	ccnaanttna	aagnggagga	720
attttattat	ttaaaaagaac	cttttggtgn	ggatnaaaaa			760

<210> 4499

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (799)

<223> n = A,T,C or G

<400> 4499

ttaagntttt	tttggttgg	ntttcnaatn	ttgccanaaa	gctgnctact	ngtnctttcc	60
gcannatncn	ntcgattcga	attcnccacg	agctgatagg	tgcncncntt	aagacttttc	120
atagancnta	ngncggancc	nncaccttct	cnnntgaang	atactnacc	agggnaatgg	180
tgnatgctgt	gaacanantg	gngaaccnct	cantntgnta	anattactna	ctaantcaa	240
aagttaagct	nnancncaca	cnnntatcct	acctentncn	ctgagnntca	ngttncacac	300
aaaaggncn	aangccntng	atcnacctna	ttatggacnt	gntcatcnna	ancctaatat	360
nctnctcngt	acngtnnata	tttncnacnn	agcattcnct	atcttncatc	cnntnnccaa	420
nctggncnct	ancttactac	ttgcacctcn	ctgtacccaa	cntttccatc	cattgnntnn	480
cctatcaaac	tccttcantt	atgnccttna	nctnecgtaa	anacnnatgc	nnatcttgag	540
tncanacttt	tnttgccg	cngtngetcn	ntttctttta	ccnttggaac	ccgnataanc	600
atgnntttta	gaanaatnan	caccnggnac	cttntnancn	ctanatatgc	nctnnntant	660
gctntgactn	ntaaactann	ctcnaanngn	ncttanancc	ttatnaantn	nncctttnat	720
natagtntca	ttaanggtan	tcnttttneg	gatccattta	nccctttnc	atttttgnnc	780
ctacntcatt	taacnttnn					799

<210> 4500

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (794)

<223> n = A,T,C or G

<400> 4500

ggtgnnttcc	ccctttgaaa	ccctttanac	aagctacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tgggcacgag	ctntnttccc	cctatnaaat	ttgcaacaat	anagggtgga	120
gggtaatctn	tncnttccta	tactgccaaa	gaatgtgagg	aagaaatggg	actctttggt	180
tattttattga	tgcgactgta	aattggnnca	ntatttctgg	agggcaattc	ggtaaaatgc	240
atcaaaagac	ttaaaaaatac	ggacgnactt	tgtgctgnga	actntacatc	tagcanattt	300
ctcttttaaaa	ccatatcaga	gatgcataca	agaattata	tatnaagaan	ggtgtntaat	360

aatgatagct	atantaaatna	ataattgana	caatctgaat	cccttgcaat	nggagggnnaa	420
ttatgtctta	gntataatna	ganngtgaat	canccaactg	aaaatnctnt	ttgcatatnt	480
caatgtncta	aaaagacacn	gttgctctat	atatgaagtg	aanaaangat	atggnagcat	540
tntatagtac	tagntntgct	ntaaaantgct	nngtaaatat	acaaaannnc	tagaaagaaa	600
tatatatanc	ctngtnattg	tattttgggg	gagggatcct	gggataantn	nntatgntcn	660
tngaatenct	tctggngtct	tcacattttt	ctaccannga	atttaatcna	atagtaaagt	720
tggttggnaaa	aantcaaagn	tnggatttag	aaagatncnn	ttcttgaaaa	nacctgcttt	780
tggtaaatga	aanc					794

<210> 4501

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4501

tggttttttta	ggtttggntt	tcnaatnngn	ctaangctgg	gctcttggtc	ttttngcagg	60
anccctcgat	tcgaattcgg	cacgagatga	gaaccagaac	aagtctggca	gcgaggccgg	120
cagtccccgg	agggcacnaa	gacagcggtc	agatcaggac	tcagacagtg	accagccatc	180
cagaaagaga	aggccctncg	gttctgagca	gtctgacaat	gaatctgtgc	agtcagggag	240
aagccactca	ggagtttctg	agaacgactc	tcgcccantc	tctccaagtg	ccgaatcaga	300
tcacgaatcg	gagagaggat	ctgataatga	gggttctggc	caaggctctg	gaaatgaatn	360
ggaaccagag	ggatccaaca	atgaggcctc	anatagaggc	tcanaacatg	ggtcagatga	420
tagtgactag	gttttatattc	atcaataagc	ttcatctctg	gaggaaactt	ttttaatata	480
tgaaagctgt	gatcaaaatg	tttcacatgt	ttagtcaatt	gtgaaatttt	tcttaangca	540
attntctttt	ctatcanttt	gtatattact	aanccccaag	agacattttc	tgtgctagna	600
gtccaatatt	ttgagtctct	cntgcanatg	agactttattc	ttttgnngta	caatttcccc	660
tatcatatgt	gaaaaactgc	tntntcaaat	ttanccctta	tgctanantn	attcctacna	720
nannttctnc	ctgntanctg	tngctacaan	ntntattnt	ntttttnt		769

<210> 4502

<211> 1338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1338)

<223> n = A,T,C or G

<400> 4502

agggnngntc	tttccacccc	ctttgtttgg	aaaacccccc	ttttgaanta	ccaagcctna	60
ctttggtgtn	ctttttttgg	ncanggnaat	cncccaattc	cgncatctnc	ggngaganagn	120
tcccnacaca	ctagccagna	cacanatctc	atcaccaata	acnngttttt	tatcantatc	180
nnncnanncn	ntcnnncnca	ntntncgnng	tangntgtcg	acaantntn	tnncntnta	240
aannnnmcmn	tntactatna	tcnatngtca	tcntcancna	ntttctntnn	ctancgnann	300
nnntnctctt	nntantctn	actnngnnnc	anntnnnnan	atnnnnnctn	ctannaacan	360
cacnnngnta	tntnacnnnt	ntnacnnttg	ncnctnannt	nnnantncta	tncanttncn	420
ncattaacat	nnncccnata	ncaannntna	ccnatcanat	acntttttnn	ganacnnann	480
nancnntctn	cttnccnnnt	ncctaacnnt	annnantctn	cngnnntttt	aanncttnnn	540
tnactnncac	tactnatata	ttntntann	ggntccanna	aactnnagtn	nnnccntana	600
ctgatnnnna	tnnntnctt	cnctatttnc	nnngtantt	nanacnnacn	atcatnnctt	660

ttcatnncnc	nanttnnngnn	aatcatntgt	antntaan	naantcctan	nntcgnncct	720
cttcncttnc	tcgnnnntnt	atncactnnn	atnanntnac	taccactnct	ntatntcata	780
ccagantata	natnttnaaa	tcnnntnttc	ncnnancnnt	ctctcncnan	gcnnntacgac	840
nnnnantcan	tttngtncan	tgaactaant	aaaantgtct	nttctatatc	nncagnnat	900
nntntnataa	atactctctc	atnnatnntn	atnacacata	tntntncnca	ttctcctatn	960
atctgnatat	nntcgtcncn	ntctcngana	cnnncactct	atgatntnt	ntacncacta	1020
tatntacnan	ngtatgntan	gnnacatana	angcttaaac	tnnanangna	tacgacttca	1080
ntatcncata	taacncctcg	ntatgcanan	aatcgnactg	ttaatgactn	gtatntcgat	1140
acnctcttan	angcntnngt	atacntntng	gtcnnanana	cttcatntac	nctngtantt	1200
atgntatata	tangcacnga	nnncnngnag	anatananta	cacccttata	nnttacnana	1260
nntatatntc	taatnngncc	tctntnactc	tcnacgntan	gnnnnactgn	tatnttcaca	1320
cntaantatt	ataatnecg					1388

<210> 4503

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (884)

<223> n = A,T,C or G

<400> 4503

cncnntctna	tgnnggnang	tnggtctntc	ctacctcttt	nagganaccc	tctcgcctaa	60
nancnnggct	ggggcggaatt	cggcacnagg	gaatggatat	tnggggngga	gantannnt	120
nnattncctt	taggatcngg	cactgtggag	gaactttgga	aattgtnacn	tgctcacatg	180
ttgnacatgt	gtntcgggan	gcnnacactt	ncacctatcc	aggangcnca	nggcngatta	240
tcaataacaa	taacagacga	cttgcccaag	tctggatgga	tgaattcang	aatnatcntc	300
tatatnattg	ctccatgngn	tacaaaggtc	ncattatnna	tatatatcnn	cnnnanatgg	360
acttanacac	naacntcaat	gcnaaccttt	tanntgcanc	ctncanactn	tanntnctga	420
ncntntantn	ccacnncnnt	ntanctcana	gggaganana	caaantnntn	tagcnnttcn	480
aannctacat	atcccagnnt	cnaaaagagn	ntgnctannc	tgggaattntt	taatggccan	540
nggtctgggg	ngtaaatacan	ngatcantcn	ttataactgc	ctacnctnna	cnttcncaac	600
attatgaacc	ntttgctnnn	cgaantgnnt	tcccaanncn	ttaaatacgng	nccctntcac	660
cnaatggcct	caaanatgcc	caancnancn	cttnaaaaac	gnnctncccc	anactttttg	720
gngcanttnt	tgacccccca	ctnggaantn	atttancatc	ccccnagtct	accccntttt	780
ttggaaaccc	nngcnaaatn	caatntggnc	cccttnnnna	acttnnacac	ccccccnncn	840
aaancaantg	natttnnncc	cccnnctctc	tncnccnnc	nnnt		884

<210> 4504

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1050)

<223> n = A,T,C or G

<400> 4504

tgggtggcctn	gggggnnnnn	nnggnngttt	ttcttnnnnt	ngtntgggng	gnccttttac	60
tcgcccctaa	natcaganat	tggggtnngg	ggggggnntg	gctcgnntacc	tntgnnttct	120
ctnagaatna	gtgtntttgc	tnnnntngtct	gggggnatttc	nccnnttttt	ttctngggggg	180
gntntnnnnn	ntngggggggg	ntntcntgng	ggcncnntgn	ttgctancct	nnnnntngtnt	240
cnatgntntn	cnttgntntc	nnactttntn	ttgtnattnc	ttatncactc	tctncnttnc	300

nataatctcat	gttggtgnet	ttcattttnc	nenaagttcc	cnntgntcna	tntttnttat	360
nenccnnntt	tntgctntcc	ttttntntta	nagtgncaact	ntctngttnt	tnenentntt	420
tacnnanntt	ncttnttant	tttnccnttt	tntttccnnn	ngctgtnnan	tngggtnent	480
engenttctt	ctcccgntct	ttctcaatcg	ttcctnnctt	nttctnctnt	gngnccctgt	540
tnnatTTTTnt	tnntntnccg	anctenttac	ntccntcctn	gtaattntcc	ctnctaateg	600
tntgcegnnt	ntcccttnat	tnntctttng	ngatncttg	gnatctcnnt	tccctangtc	660
taatntgctnt	ttgttccnta	nangcnenta	ttntgtgncc	tctcncgntt	gngggtctct	720
gtttgtnnng	cnnccgtgcc	tcttaaant	tgctctntgn	ttncanngn	cntttntang	780
gtctntngnc	ccttnttnac	cnactttgt	atntatccgt	cnntcggtna	gttcnncna	840
tgctgttttt	ntngcnctan	tgtncctgct	tctctntntg	nnnctcnnt	cntcggtntc	900
nctatgnngc	tatgttntnt	tnccntntc	tttccattnc	ngcgnnaccc	cctttntntc	960
actnttnatc	ttctnatnac	ctntntntnn	ttctntttag	nnntntnnn	atctntctn	1020
tgttttntctc	tcnnnccctt	ctntngngnc				1050

<210> 4505

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4505

nttgnattgg	gcggtngagg	gntgaagggc	ccctttttct	tttttcctta	aaatggcttn	60
gtggagcanc	ctnnnnntnn	cctctganac	atcagaanat	atgggggctn	cgngcnncn	120
nnntaccacc	ncantncnat	gctagctncc	nncgncnca	antctncnng	accnncgnn	180
cgctcttttt	gttntcngan	tnnnaacctg	tnnancccan	ntnactctan	nnentnnngn	240
ctntgngcag	ctggannnnn	ncnacnnnna	ancnngcact	agnactncca	ntnantgnat	300
ntctnagacn	cnnncnctna	ttcnnttgnt	ctcaagttna	tnctntcnnc	cccnncncca	360
accaccnncn	ancacctggn	gccccacnn	catnccnca	ncactancan	ntcctaacc	420
tcancntnnc	ncacnecgacn	nnctncacat	ncntntcngc	ctcctnccnc	acatnttct	480
acntttncat	nccntcccaa	naacttntnc	tnntcccnac	aaacacngcn	nnnnnnccgt	540
ctcnntacnc	acnnccntnn	cnntantcnn	teganttccc	cataatnctn	tnnancnngn	600
ttccnncctn	nattccctct	ccctagnact	ntctctctcc	ntcnttatca	atcnnnccca	660
nncccatcat	ccctcnnnnn	cccctcactt	ccttctntcac	tengacactc	tctntntatc	720
nnacnacnt	anagctcata	tnnccactcn	cantatnnat	cccttctctn	ctactcnnta	780
tatctcnaca	cttenntctc	ncacntacct	nngegnctnc	ttntctncac	nannntncat	840
ttctncactn	cantntccta	ttctntctnn	nnncnanatc	tcacnnnctc	ttctcgcnc	900
tgctnacann	ttcnentnnc	cactnccctg	nnnatnnnnc	tncnntntct	cnntntnaet	960
catntntcat	atacncatc	tantatctnt	nnnctcnnt	ntntctttcc	ncactcctg	1020
cnaccctca	tnactntcn	cntantctac	annctnctca	cnctcancnn	ccncacctat	1080
atcactncca	tntctctnct	cacgtttaca	ctactcacac	tcnactnnnc	atcactctn	1140
nttcnnncn	tangtncnnc	ntactntatc	cactctntct	cacatctcnn	ctacncanac	1200
ntccncacna	tcactntct	acnncntnta	ncntnattacc	nnctactctc	ccctcannac	1260
cctctnccgc	tctnctcata	tctcnnngn	ctcatnttct	acatntttca	ctntatange	1320
tctctcact	nnnnnccnca	ctatacgtat	atcgaanaca	acgtatntna	aaccnactn	1380
ntatctanac	tctctcnnnc	tncccatcat	tnctacttcc	t		1421

<210> 4506

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (952)
 <223> n = A,T,C or G

<400> 4506

ncttttttct	atagngcnnt	tnttgggggc	tttcttttcca	nanancgtgt	nnctcctcct	60
cnccctaaana	gnnaggctgt	ggagnncaga	ccnccnatat	gacacnntan	atnctttaata	120
annmntgatt	ntntgccaga	ngcnctctgc	antgnnacng	tnnggggngg	gtgaacacac	180
nctcntgcac	ggntatcnag	ancagncttn	actnatnctg	gactacaatn	atgtgagata	240
acacacanacat	tanntnnaaa	nnananactn	tattcnttnt	tnactaganc	gntcctncga	300
tnngaatncc	ctcctcctna	ngaaactagc	atggatgttc	acattcaagt	gtgggggatnn	360
ttatcaattt	gctatttnat	aaaanatacc	aanntntncc	ctntncaana	taattnnct	420
cngatatatg	gtccatccat	ttantgaaan	gctnttcncc	ctttcaaaaan	gatacnnatn	480
angncanncc	cngtngcett	acttggetna	ttaaaccnna	natcantctt	gnncagatng	540
gngtnttcca	ccannntttt	ncccaagcc	ttannntacc	taacctcct	gntcctccaa	600
gctnctaccc	tttccaaccc	tcacgcncn	tcncaaaaag	tccttttnc	tactctcnnt	660
ntttcgaaan	tcncaaatn	taccccattn	ccntttcccc	nctagccent	naattntanc	720
cntttncctt	tatcntcnnc	tncacttttc	gtncctcnct	nccctcatac	cactttttct	780
nnnatcncca	ccccgcncnt	cactactcat	cagccccctc	aactnctnnc	ncatnanatt	840
ttnacccnt	cantcccttt	ctntnncnc	tctntntttt	ctcgacanc	ctccactcnc	900
ntctatcngn	cnttttccnn	nnctntcttc	cganncnntt	nctcctccca	ct	952

<210> 4507
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (789)
 <223> n = A,T,C or G

<400> 4507

nagttttttt	tggtgggntt	ttncaatcc	ctccttccag	ccaggatctc	ntnctntcct	60
naanaaaagg	ntgtggcgaa	ttcggcacga	ggtgagcccc	acaggaataa	aaaacactgg	120
gaaggggtaa	ccccctcacc	cccgggagtg	gcccaggggg	agagaggcta	cctgangggga	180
angaagcaca	aaanggaccc	gctgcagact	cagggcaaan	ggaatgccat	cngngctggg	240
acctgtgagc	actacangag	gaaacgcaag	cntggtggna	ctggttccag	ncacacaggc	300
aaagggcaaa	agggttgga	actaanccnc	aaagntactt	gggttccctc	ttcttctnnt	360
ttgccttttn	ctgctnctnn	tncatganct	ccaagtccct	ntgnttgccg	gcggcagcan	420
aaagcccgtc	atttcggcgc	tttcccttaa	ccnancgnt	ctgcttttcc	atattcttnt	480
ggcgggtcaan	ctcacgctgg	ttaccgcggg	tnatggctac	ngcagcggnt	ccaacctgct	540
ccgttacgtn	ccctttgttc	tgtcnnaant	tncangtccc	ncccttntn	ncaacgtacc	600
cacagtcctt	cctttttctc	ccgccccttc	gcgccccggn	agcccngntc	cccatttgna	660
caataaaaaa	gcacctntga	ttccacgnet	tcnngccttg	aatcccctng	tctnttaaan	720
ngncnnnaag	ntcccncaat	cctnnaacn	ccnncatctg	ntgaancccn	ngncctttcc	780
cntnngnnt						789

<210> 4508
 <211> 1454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1454)

<223> n = A,T,C or G

<400> 4508

aggggggngng	ggggnnnttt	ttnggggncc	nccccccctt	ttgtnttggg	gnaaaaaaaa	60
cccccccttt	tttngggggg	ggaaaaaaaa	nggggccnnc	cgggttngng	gggaaagggg	120
gntggcnngn	ggngggggnt	cgnggggnng	ngngnnngng	tgttngngng	gggggggggn	180
gtgtngnggt	nggtggnnna	ggnnngggag	gtgnnggggn	ngggaccncg	gngggnggng	240
agnggngggn	nntgtngngt	ggtttttttt	tncngngngn	gggggnnnna	ggggaggggg	300
acggggggng	tgnggtnggc	gngntnngtg	gngggggggg	gnngtntggg	tggggcntgg	360
gtcgtgnggg	ngcngtggg	ngncggcggn	gantggngtt	ggcngtngng	gggggtgcncg	420
ncgcnnngng	nagngggcg	tgggcnnngg	cngncnggca	cngggggggc	gtggggcngg	480
gggncggngg	tgggtngngg	ggcgagnggg	tggggggggg	gnagnagngg	agnaggnggg	540
ggngnggttg	gggagagggg	tggggnggng	gnnttntngn	gggggatgtt	nggggggcga	600
nngcngnggg	nggggggtgn	tgtgggnnnn	gggagngnga	gtggnggntg	ggnggttngg	660
gtgnggnggg	gggtggtgtg	gtgagcnggc	gagnggtgng	tgtgngnggg	gnggnngggg	720
gtgngggctg	cgtgacgntn	ngngagaggg	tggngaggng	ggngngagtg	gtngngtgtg	780
gngacgtggg	gtgtgggtgt	nngtntggnt	tcncgagngg	ngggnnngtg	gncngcngtg	840
gngnntgtgt	ngtgagcgt	cngngcgtgg	ngngngngng	cngncggngg	tgggannatg	900
ggngacngng	tggtnngngg	gtgtgngcgc	gnnggtgncg	gggacgtggg	nganggggtg	960
gcgncggggg	gaagggtggt	gagttgtgan	ngngngggana	tgngannnnng	tgtggtgtng	1020
tngngaattg	gcgancgnat	ggngtgccgc	gcngtgnggg	gcgtgtgngg	nnnttagggg	1080
gnccgaggat	ggggnngngn	nggtgcccgg	gtgtgggtgt	ggtggnagng	cngacngcng	1140
gtgnttngng	ngngngggct	ggtcncgtgt	ggggggacgc	ggaggtgngg	atgcnnngtn	1200
tgctgtggcg	ggnnngngcg	gngcgaggng	gcgnanagtg	gggggtggnt	ggttgtgngg	1260
gnggtgnggg	gggngggngg	gnntgtgccc	ggnggcgggg	ngcggcgtng	gtggtcgggg	1320
gggggggatg	gggncngngt	gcggggngnn	nnggagtgnc	gacgnggggg	gcggngggan	1380
gggggtnggg	gtgtgngtgg	gtgtgggcgc	gngcngnggg	ngnggagcgn	ngggngtcng	1440
ggnggganggg	tccg					1454

<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4509

tttctaatta	tcangngngt	cgnnactnnc	nctananana	taggccttgg	ngaattcggc	60
accgagaactt	cntnaantgg	tgtntntcac	cnttngcaaa	caggntntna	agatgtgcnc	120
tttgggnntg	ctntttgggn	acatacatgn	ncnttacngn	tatctntang	nnaactcnan	180
aactntctng	aatttgnchn	cnntgcnatn	tattgtgtga	agcgtgcac	tanctcacgt	240
ttaccantaa	nggtncatt	nccccatttc	attatntncc	acttataagg	ctcaaaagaa	300
nttgtcccca	ttccggccca	anacacnctn	tttagnttga	atggntgaat	tggcaaanca	360
tgaanntcaa	accnattanc	cgnaactggg	cancnatecn	caanggcctt	cntacctgga	420
ncttgttnaa	ggtgggaanc	cnttccttag	gttccaaaan	ttgtancatt	ttacccttgg	480
cnnggtcatt	aatttnattc	ataacnaagn	ggtcnathtt	nttncttnat	gaccccatcn	540
gtgaaaaaat	tncctaatec	antaacccca	ancntgtctc	nttaattcca	agtcctcng	600
ccntnanang	aattcncctt	nncnanaann	ctnngatctn	ntnnnttnca	agcangnanc	660
nnggccnngc	nttngggnga	anaaatnccc	ttgnttnaan	cacanttcna	ncccaaggtn	720
tncaaaaann	ntcctgnaaa	tcttntttgg	cnnnannggt	cttttaccen	tancccttcc	780
ccaattggga	atcacttgca	antnganccn	ngtgccntta	gantttgggn	nnaaatnggn	840
ctaaacctcn	ttggnnntnt	tctctnntcc	gcnnnggaca	atccttnncn	anacc	895

<210> 4510
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4510
 tggtnnnnnn naggttgggg ttttcaattt tntctanaen ccngnctctc gttcttttcg 60
 caacaancnn gcggntcgaa ttcggcacga ggnnnccccg nngatcagnt nttctnnnac 120
 tcantaanna cttctgggtn acnggatcaa attgaatctg cntaggctgc tgtatntgga 180
 gganncnngt tcgcngnant aaaanctgnn catnnngang nctgancnnt tncennaaag 240
 gntangtcca ntgnnnctga tcancnncaa ntacncagnc aganatccaa anaccagtna 300
 tatatgtnc nttgctcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnnct 360
 cnngaactnc ntcncnactt cttncanntn gtcnngnaan ncnttnntnc atctnagctg 420
 gcacatgaga gtaccnctct gctatgccag aagtatgaca ccaccaggtn atagtcccta 480
 cgaccnttac cactgtgact gattgagtgg tgtgagaatg agngactncc atnngattnc 540
 ncattncca tccatctagg ngccactctn tnngcatnga ttntccctg gcnaccnaac 600
 tctnngantn ggatgacttn tcntnagant ngattcttaa ntcnngaant ttgatgatnc 660
 tacttatacn gnnattttgn cctncngna aangcattga agtngggtan ntaaaatagn 720
 naacnacccc anttgccaat ttnccaaaac cnccaaagcc tnaccccgng angggnnnn 779

<210> 4511
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4511
 nnnnnnnnnn 10

<210> 4512
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4512
 ngtnatatgc ttntaatgc ttcntancga attcggancg agagaagecn tgagcagcaa 60
 agtctntcgc gacaccctgt acgaggcggt gcgggaagtc ctgcacggga nccagcgcaa 120
 gcgcgcgaag ttcttgga aa cggtggagtt gcagatcagc ttgaagaact ntgatcccca 180
 naaggacaag cgcttttcgg gcaccgtcag gcttaagtcc actccccgcc ctaagttctc 240
 tgtgtgtgtc ctggggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300
 catggacatc gaggcgctga aaaaactcaa caggaataaa aactggtcaa gaagcttggc 360
 caagaagtat gatgcgtttt tggcctcaga gtctttttag caagcagatt ccacgaatcc 420

tcggcccagg	tttaaataag	gcaggaaagt	tccttttctt	gtnacacaca	acgaaacatg	480
gtggccaaag	tggatgangt	gaagtnacac	atcaagttnc	aatgaagaa	ggtgttatgt	540
ctggctgtan	cttgttggtc	acgttgaaga	tgacnngacg	atgaancttg	gggtataaca	600
ttcacctggc	tgtcaacttc	ttggnggtca	attgcntcaa	agaaaaaact	tgggcagaaa	660
tgttcnnggc	cttatnttnt	caagaaccnc	catggggcna	agccccaacg	ccctttnttt	720
aaaggcncat	ttggaattaa	attcntnttt	ncccg			755

<210> 4513

<211> 1166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1166)

<223> n = A,T,C or G

<400> 4513

ggagnttacc	ccttnnngaa	acccctttat	acangctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggctacttg	ggaggcnaga	gttttngaga	atggccngaa	120
cccangaggc	cgctggatnc	ggnggaaggg	ctgttgngga	tantntanga	tcttgntgaa	180
tcccactcca	ngananctan	ntnatnnga	ccttntcnta	nnnttantgn	ttncatatnt	240
nactcaanat	ngcaattgga	tntattnatg	cnncnanntc	acttatcacc	tngatcatnt	300
ggaaacnaat	aannatctcn	annangatcn	gtcantnta	atantgngga	tcaacnntnc	360
ctctcntnnn	gggaatntna	ncntgggtact	naccnnttt	nntaanacca	tcttnnccat	420
tnacnnncna	nngcnannan	annanatnta	attnaattnn	ntntanccaa	gatccatcna	480
cgttangaat	tnttccccat	ngnggaattn	gcaanaacaa	tntcnnganc	taanaacaat	540
tcngccnntn	nacaaatcnn	ntnnanncan	nanncgccan	tntaatgntc	aantncaaan	600
cngcccngca	cgnanagatn	natnannnct	ctnantctct	ntnanccanc	ccatacnnat	660
tcgatancna	tnannacntg	gacntnctct	nnatcgtnnn	nacgtcatcn	ctaatanctt	720
ctcgtcatac	gcnnatgac	nngncctcta	acgcacnaat	angngcgata	tgatcnanat	780
attaagtctn	tantagtgcg	ancnctanan	nacnatggcg	nnatcnantt	naatgtatgc	840
gnccangtaa	nctncgcgtn	cncatagntn	nanncnctnc	tcnnannnat	gancnngtaa	900
natgtntacn	gnactntctc	acgnnatntt	cntatanagc	cgcgcanatn	cnancaantn	960
nantanntcn	tatnangatn	attacntcgc	ttntncnacc	ncnaatacnc	ngnatnnana	1020
acatcngcnt	ntgnngtctg	ngntgannaa	ctcncannna	catntcnatn	acacnncgta	1080
nnnnanctac	cagctnntac	nntaatgatc	tcannnnncn	cacatnanat	ntatcatntg	1140
acntnctacc	attnacnnag	ngaccg				1166

<210> 4514

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 4514

ggnnnnnggg	gggnnnnnnn	nnngnggggn	gnnnngngng	nnnnngtttt	nggggggggg	60
gctnttggtt	gggaaaaaaa	cccccnttt	tngggggaaa	aaaantggg	cccnnnnnnn	120
nnnnnggggg	gnnnnnnnnn	nnggggggng	gggnnnnnnn	nnnnngnnnn	nnccnntgg	180
gggggggggn	nnnanngggg	gggnnnnnnn	ccccnnnnnn	nggggggggg	gnccnnnnnn	240
naannngggg	gnccnnnnn	nttttttttt	ttgggggnnn	ccnanngggg	ggggntntnn	300
ncccnngggg	gganancntt	tnnnnnnnng	gggggggggn	nnnnnggggn	nnnnnnnnnn	360

```

nnngggggggg gnnnnnnngnn nngntnnnnn nnnnnnggggn nnnnnnnnggg ngnnnnccnn 420
ntntngnnna nnncccnnnn nnnnnnnnnn gnntgnntng nnaaannnnn ntggggggnn 480
ngggnaacnt tnnngggggn gggngnnnaa nnnnnnnnt tnnntnnaaa aagggggggg 540
taggctnggg gggggnttaa aanngggng gngggggggg gggnnnntg ggcggggnna 600
annnnnccnn tttngggggg nngggnggag ggggnngggg gggnnnntn gggggggggg 660
ngnnnnnnng nggggggnng gggggggnn gnnngnnngn gggggnaaac gggggggggg 720
ggggggncgg gnnnnngggn nngggggggg ggggnggggn annngttgg accgngggg 780
ggggngggng nggggccgg nnnngacnn ggntnnagg ggggcnagg nnnnggggcn 840
gtttgnnana aaaaaannna aangtgggg cntntgggac nntggggggg ggggggnttn 900
cggggggggn cccggggcnn gggggnngg ggggnncnnnt ggggnggggg ggntnggggg 960
gnnanancgn nngnntnggg naaggggng gggggggnaa aaaaaanggg gggnnngnnn 1020
nnnggggggg gggaaaaann ngggggggga nggggggnnn nggggggggn nnannnnngg 1080
ggggnnnnnc cnnnnnnnn nnggggnggg ggggngngnn nnnnnncng ggggnnnnnn 1140
nnngnnnnnn gnnnnnnnnng gggggggggn nnnnnnttt tngn 1185

```

<210> 4515

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1142)

<223> n = A,T,C or G

<400> 4515

```

ccncangggg ccnaacaan agggncncnc nnttctntgg gncaggggga aanncccttt 60
ttggccnaaa aaacngccct ttgggggggg aaaggngggg cggggnccn nggggccan 120
gggggggccc canaaaaaaa acnnnnccccc cccnctntcc cccctnnnn cccnccnnnn 180
aaannaaaaa agggggaacc cancaaggg gggggccaan anggggggga aaantntaaa 240
agggggggcn cccccaacac cngggggaaa aaaanncccc caagggggga cccaaaaaaa 300
nnnnnccnaa acccccntgg ggaacccaat anccccgggg naaaaccccc gggaaaanng 360
nnnnaaaann ccngggcccn aaaaaggggg ccccccnnaa annntncccc aaaaaatna 420
aaaaggggcc accnttnc cgggaggnaa nntccaagg gggggacaag gggnanttt 480
gccgggggga aaaagggant ccaccccccc cnaggaaat caaggggng cggggaaana 540
gganggcntn acccaaac cccgggggna cggngccng ccaangaaaa agagaangna 600
ntntnnaaac cgggggana aagngnaanc ncgncgnnan nggaagnggg ggngccccc 660
ccaaancaaa angnccccc agggggcccn naacnggnna cncnnggggn nnaaaggggg 720
gccnaaaagg ccccggggcc ccaaananc anaccnnag nnnngnaaac aaannnccaa 780
accctgggc ntntggggg nggcaaacn accccccgg angggggaaa aaaaaatang 840
ggggnaaaaa ggaacccaaa anctggggcc ngggcnggna aangncgta accccccggg 900
aaaaccccaa ncangncng gggaaanaac aaggcnatgn ngcccaccg cggccccang 960
ccccancac cnnntagnn tntcccccn ngaanaaann acncgcatcc cgggaacca 1020
aaanngggaa nagccnncgg gggccaagg gnnancggg nangcncnn ccccccggg 1080
gncannnccn anacntnccg ggcnnnaacc ccccaaanga anccggggaa aaanaagggc 1140
cg 1142

```

<210> 4516

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4516

cacaccncaa	angcacnna	aacnancacn	angnccgaaa	cgaccennaa	cgcgcgcgcc	60
acnnccannnn	gacgcggng	aannnnccgc	gnaaaagacg	nagcganaan	caanacanag	120
cnnncacaaa	ncaccncnca	ccccccnccg	agtntggaaa	ccccnangca	aanacccacc	180
ccacgnacgg	cgagggaac	ccaaccgggg	ccgcaatntc	gncnacncng	ggnagatanc	240
acnaaaagnnn	nnccaccact	tnaattaaac	ccagcaaaaa	caccacacan	ggacacaggg	300
gggggcnacg	gganggcnac	ccgcannnna	cccacanaca	aaccggagnc	gcgncgccac	360
annacacggn	gcacnaanca	acaccccaag	anacnaaagc	ccncnanggn	aanagcccna	420
naacganncc	ancnccanac	aaccgaacac	acnaacgcna	cngaacaaaa	accangcnac	480
agagcccanc	gcannngnaag	naaagcccac	acaaanagca	cgccngnaac	nagaaagccc	540
aacagacnna	caacagaacn	nanaagacaa	acccccacggc	ncnncaanag	cccacganac	600
cacgnaancg	nnacccccaa	gcanaaagcg	agagggaaccn	nnncanaaag	ncgcgaccgc	660
ngcggngnga	nacaaggaaa	ncaannaaaa	aaangaganc	nccncacnag	cccaaanaan	720
cccgnnanaa	ccgccnnccc	g				741

<210> 4517

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4517

ggcanttgnt	cttttgnga	tcnctcggtc	gaggacnctc	gagagtnttc	atgtactagn	60
atggtactgg	ctgncnngcg	aatatctnng	accaattatn	aaanaaatat	gtgtagagta	120
ganataaant	ggtaactagt	nnnttatnag	aggggaagtn	ggntggnttt	ataaattaaa	180
tgaacattta	tgcggtcggt	tatttnnacg	taaaaatagn	tggttatattc	taggnaacag	240
aaatttagaa	acctatTTTT	ctgtagaaga	aagggtgctgc	tatctgctnt	tgatntctca	300
gatatttgct	tctccttaga	atgctatgan	cagatntnta	ttagaatgaa	gttntctaaa	360
ggctttgatt	ggcatgagct	nnattactta	ttngcttang	ttaangatta	gcccataaga	420
catattatct	ttatggacca	ttgcaaattt	ntctaantntc	taaccattnt	taacctttta	480
tatatgaatn	acnnaggaaa	ccatnnnatt	attataaagt	ntattcctgg	cncnntggaa	540
ngncaactcaa	tnangtatTT	gttaattgna	gntaaatgat	ccccagttnng	agtagnnacc	600
tnncangttt	ccnnggggaa	thctttntct	accnaccgtg	gggggnttac	ctctnnaaag	660
attgtttttt	nggttcccaa	cttnaccgng	gaaaantacc	ttgggaaacc	tggncceccct	720
nnagnanaat	cntcgntttg	ggcnccactg	atc			753

<210> 4518

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 4518

nnnnactana	nacatncaan	tnnntcannn	acnctcanan	nnaacannna	tacnncnnc	60
ananatnana	natnncnttt	caccacanan	ctcactnccn	tacacannct	cnacnactnn	120
cnaagnggag	ggaanntagn	gantannaga	gganatngaa	angcggcgca	cantaatttn	180
taaaggnngg	ntctntaant	ncttggnat	cgnccectcat	gnaggnaacc	atcgcannc	240
ctnngatcnc	cncacagang	ttacatannc	actgttgcac	cagcncagta	actaggtatn	300

tnacacctac	annactcaca	ngtgcacggn	tntanngncn	acntntaact	gctcttcatg	360
cttnccanggc	cctatnnang	aaanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngctnc	ctaaacnnaa	tntntatcan	acaagcnntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaag	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgcctg	ggctcaccct	gcttaanaac	aaggncctca	600
cnatcngncc	ataccctnn	tattaccena	gatgggaaac	ctctgnanaa	tggtgncact	660
ancctngact	ctantctctn	atatactgcn	nctntatngt	caatcncnat	ntaaaccata	720
anggttcaat	agcctataaa	aagngcgccn	gaaattagta	tgngnnattn	naggtananaa	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	ncnccctgca	atnctctcac	ctccccatnc	900
ctcaacatnc	caccangaa	accanaatgt	gntaancctc	nttncaacaa	aaatngnngn	960
ggtaagnaan	cn					972

<210> 4519

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4519

tnagnttttt	ttgtgggttt	tctttttact	aanngctggg	ntatcgttct	ttccgcagna	60
accnttcgat	tcgaattcgg	cacgagggga	ggagaggcgc	ggggagccag	gcctcggggc	120
ctcggagcaa	ccacccgagc	agacggagta	cacggagcag	cggccccggc	cccgccaacg	180
ctgccgcccg	gatgtctcag	accttgatg	attacttctg	tggggaacgt	ctgtggctgc	240
ctgtgaactt	gacctgggcc	gatctagaag	accgagatgg	acgtgtctac	gccaaaagcct	300
cagatctcta	tatcacgctg	cccctggcct	tgtcttctct	catcgttcga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggtctgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tgcccgccag	gtagcgcggt	540
ggttcggtcg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagttc	ccgagaagcc	600
anctngagat	tcacatttta	cctgattgcc	tttattgccg	gcattgcccc	tcattgtgga	660
taaaccctgg	ttctatgaca	tgaagaaagt	ttggggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttgg	actacttnat	ttaacttnt			759

<210> 4520

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (841)

<223> n = A,T,C or G

<400> 4520

gttttttttgn	ncngnaaacc	cttggcannn	ncggancagc	ggacnccggn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tggatcgaa	gnccattatg	cnattcanat	gcngcccntt	ctnangngng	240
tggnccntc	naccctngt	gcncgtgcag	aactgannnn	gacggaccgc	ctcantcnnc	300
ncnaacgtgc	aanatgtatn	nanncaggtg	aaggggaaca	ctaaccaagc	attgaggtcn	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420

ttcccaggna	gctnagaanc	cgengattcc	tgaantcaga	cacagaaatna	annctacccc	480
gnngcaggaa	nctntcnntt	gaaaattttc	ctnacggngt	cnttaccntc	ttnggcttgg	540
ggantnantn	gggcaccaag	taaanntntt	ntgcnaccn	ntgggggnac	cctttccatc	600
tgaccatttc	nnngctctgt	aacttgacan	gntttntttt	ccgcnattgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cttttttttc	ttaaaaanaa	aaaagtgttg	720
tccggctttt	attcnattgg	tngggatggn	ggggggagga	naaccannta	aaggtttttt	780
ntcnngaata	cccnggggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840
t						841

<210> 4521

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 4521

gnnnnnntt	ctnnaagggg	gggcaggggg	ggtttccctt	tctnacagcg	agtgaggacg	60
tennantcgc	ccnaaacana	atagggcggg	gnaatgcacc	accagggaca	ctcagncctc	120
cnanccggcg	gcctngngng	aagaagccan	ngggctgggc	tgatgnnaat	ggtagnnnac	180
anngatccct	gggggcatcn	cngaccnnan	catacnagt	gnannanccc	ntnatnnct	240
tgnnaancnt	nntgnaggan	gcanttcact	gctccaagaa	cnetggtgcn	aacttgacan	300
annggtcca	tgccctgnag	cccgcata	tttgccggt	ncanacagag	cacatccatn	360
ggggaaatgg	gnactnatcn	atntgnctng	aaaagnagat	gccncaatcc	tgacacnccc	420
accactcccc	atganacntc	tgcnnnggat	ttnagggacc	ccccgtaact	ggaaaaacncg	480
nggccctgtc	cccactntaa	tgcacnangc	acnccngagg	ggnggnctc	tactgngcc	540
cttgetgncc	acnacgccct	ngaccgnncg	ccacctgang	ancgaaaccn	nagccngcaa	600
ccccnngtnn	cccancaccg	gcancaccat	cccaagcaan	nnccctnccc	cccccttta	660
nnnnccaaat	cgntcccacc	tnanntnacc	nttcggcnaa	agtcaccctg	tccnnncana	720
gggcntnnnn	ccnganatgg	cnnnatnnaa	cacctnga	tcnngancn	naacnnnnct	780
tccccaaana	ncttttnagc	cttngccacc	ccnnccctng	gggaancncn	cctnccgctc	840
aaagccctacc	ttgnnaattn	cggncaaana	ggcccccnng	ntnttccnnn	catactngcn	900
tccccnnngg	ggcccatnnc	cgaccncaaa	aggggcct			938

<210> 4522

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1128)

<223> n = A,T,C or G

<400> 4522

gctccacaga	gcggnntttt	nacngcaacc	ggacgccgng	naaccccngg	ngccgnaaag	60
gaagggnggg	gcgnagggcg	cncnccggcc	gncngaagc	ggncacgana	cagttttttt	120
ncnaacacng	acnccgaaaa	natgcnnnga	gngctntncn	antnnnancn	nagagcgcca	180
nacgtngcac	aaangcngnc	ngccnagtgg	caccctnnc	gacantcccc	nagtntggag	240
acggncnaat	gacnanaatn	ggaccngnc	nanngacncc	ncacncacac	cnnnagngnn	300
gacanganng	gngcctaana	agnanangcc	cacnnntgt	gccacnntct	angngntnc	360
ccaggagncc	ncanncgana	cnaaaangcc	ctnngggnc	aacnggtggn	accngccaan	420
ctnggggnann	cannaaggan	gnntcggtaa	ancctngnag	gncngcaggn	anacgtcacg	480

cgnggcctca	ctnnacance	ctancancgt	nccanntngg	gntacactct	ccaaacnaca	540
tgagtctcct	cncnnaaant	ctcgggggng	nnncnncccc	antcatacnc	ancccnegna	600
aatnaataca	ccncgctana	tnccggcaan	atctgengcg	acaagannna	gaccncncta	660
cgactnntan	ccannctann	angggncaaa	acggngcncn	cncagnaaga	cncgggcann	720
tncaanacan	cncncattnn	anannggctn	actctnagaa	nacntcctnn	aanctcanct	780
cacccttncc	ttgctntcac	gnggcattna	cactacattn	agngggntca	cactcttcaa	840
aaggntctcc	tggncncccn	tngaaatgca	ncnactcttc	ncnanngnnt	ntccnagcaa	900
accaanagnt	caaaccncta	accanancn	cnntccccctg	gcctggnccc	ctttaaannt	960
gganaccant	cncctatngn	cncgggggaa	aaaccncnt	agcccacaaa	annangctng	1020
gtgaagnnna	atggaaagnc	tatnctcaag	naaatcccac	ctatttaana	ataancngnc	1080
cccgganccn	aatntggccc	cttaantncc	actcctntgn	nacccggc		1128

<210> 4523

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 4523

gnattatngg	cctaaatnnt	tgaagnttgg	tgatnctgen	tnggggatng	tngttncngg	60
caagcccatg	tgtgtacnaa	agcttctccn	actatncgcc	ttgncggnc	acaannttnn	120
ttgagataaa	acaannactt	tnccnagngt	gtcaaataana	gctgcggacn	agaatgnnnt	180
tncanctgnc	natgncncc	gcatatgctc	naaaagacnc	nganagggan	ntgnnttttc	240
tcctttgtnc	cgtgcctcnn	acttttagtc	ntggngggaa	gganccnacc	cnatantgct	300
aaantgcatt	ggcnanttga	aggtnaggta	gcaaacgact	ncctanatga	taanggtccn	360
gttannnaaa	ncttcngtng	gacncnangg	tnnantnang	gctcnnttng	gccttanctt	420
nacgngetag	nngnacntcc	ganttatng	gnncttcatt	tcaggggntt	gctttanngn	480
gacagntaga	ccgaagattg	gaaanngann	ttggtggnc	cattgnncnt	actnnngttg	540
ttccgnnana	nnctgggnang	nttgantngg	tnggacnant	ttgnaccnnc	ttggttttgn	600
gaccaateng	ngcaaaacaat	ggcaaaaatc	cncttctttt	tcttnaaana	nntaanaatt	660
cttanggttc	ctggggggcc	tcctcttttc	tgcnccaacc	tttcnccaat	tannctttac	720
gntgggntnc	tnntcaccaa	aaaccnttgg	gganggtccc	aanncnccng	gggaggncaa	780
anaancccc	cattggcccn	ccnnacctat	tttgccnngg	tnnacgaann	attctanctt	840
ttaannaann	cnatnttttn	attntttttc	ngaacc			876

<210> 4524

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4524

gtgntttcta	atgcttctaa	tngcttggct	actcgttctt	tntgcaggat	cccatcgatt	60
cgaattcggc	acgaggannt	ctntgctatn	gaacagnggc	tggtnnacac	tnnggannta	120
nnntgnacn	ntannnattg	nancanntan	tactggnnnt	ccntaatncn	nttaatgtna	180
cntnttgcaa	gnngnnctga	tnaaatacac	gacaggaggg	aaanctantg	cgtcataggc	240
acaggcagac	ctaccgnnta	aggagatnat	ntnccnnang	gntggctggt	gagnnctatgc	300
aactctggna	tgtattttccc	tttataggac	caccttgtnc	atngtggata	aagcccttaa	360

agnaggatgn	naaagatgat	cngatccaat	acgttacnct	gacannaaan	nntgtnatac	420
ntcngctgan	caatctntcc	ancnnntnta	atatcgtgna	tcacctaggg	tgtatgaten	480
taggaactct	gcncctncan	tcnggactgt	ccatcacnga	ctnntgggct	nctactgtac	540
antangcgna	gaanancnnt	cannctacan	ntaaccagat	tgggtgctgnn	anatgggtant	600
gcnnnttnan	cnccacacgac	ncaataaagn	ncnnctntnc	cccanancct	ntnnagggaa	660
gaaaggaatt	ttncatagt	ggctcaatga	anggggtacc	cttggncttt	ntaaaaaacg	720
ttncatggnn	cctaccttaa	acctgngtna	actnananen	nttngncata	anggggtctaa	780
cgnctatang	gggnacnnat	ttttnc				806

<210> 4525

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4525

ggnnnttctaa	tgttttctaa	taccttggct	ctngetcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgaggaaatg	tgtattttcag	tgacaatttc	gtggtctttt	tagaggtata	120
ttccaaaatt	tccttgtatt	tttaggttat	gcaactaata	aaaactacct	tacattaatt	180
aattacagtt	ttctacacat	ggtaatacag	gatatgctac	tgatttagga	agtttttaag	240
ttcatggtat	tctcttgatt	ccaacaaagt	ttgattttct	cttgtattac	attttttatt	300
tttcaaattg	gatgataatt	tcttggaac	attttttatg	ttttagtaaa	cagtattttt	360
ttgttgtttc	aaactgaagt	ttactgagag	atccatcaaa	ttgaacaatc	tgttgtaatt	420
taaaattttg	gccacttttt	tcagatttta	catcattctt	gctgaacttc	aactgaaat	480
tgtntttttt	tttctttttg	gatgtgaagg	tgaacattcc	tgatttttng	tctgatgtga	540
aaaagccttg	gtatttttaca	ttttgaaaat	tcaaanaagc	ttaatatataa	agtttgcatt	600
ctactcanga	aaaagcatct	tcttgगतat	gtcttaaaat	gtattttctgt	cctctataca	660
naaaagtctt	taaattgatt	tttacagtct	ggaatgcttg	gatgntttaa	aatantaaca	720
ttttatattt	tttaaaagac	aaancttata	ttnatcctng			760

<210> 4526

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1236)

<223> n = A,T,C or G

<400> 4526

tttggtggng	tttggnntng	ggtgggggct	tntntntaan	gnntgntnta	aatcggtgng	60
anagnccta	anatngaata	gggttngggg	ccatncnntt	ntcntntacn	nnnnncnct	120
atgcggnnnn	nngcctcann	ngnacttttt	tanatnattt	tttnnccctg	nnanngntnt	180
actcancgtn	ntgtntngnt	nctantccaa	natacatgga	tntgcccnnt	actnnnnacn	240
ntacaggngc	tngcccnngc	nngttcnann	nattancnna	ccanntntnc	ntnnttncng	300
anagagtntc	gcnnntctng	aaatgttanc	gccnctcgaa	cacnntntta	tcnctanctn	360
gttctcttgt	ctnnctctnt	anatgantcn	gancttttna	atngagtncc	taatctcnan	420
ngntcttttn	gatentntgg	tctttgcnta	ncttnnaacn	tccttttgnt	tangnanana	480
anccttctnta	aattnnannca	anttnnnntc	ctnnctaagn	anngnnccct	antnnntntnc	540
ttnnantacc	ctnanenttn	ttcnancnna	tcnttcncca	cngtntntaa	ntnnanttnna	600
tttcnaantn	cctnnentca	acnacntcaa	ntacancntc	ctctcnanct	atcacaannc	660

aannngcact	aanncgctact	atttctncta	nggntccnecg	ctattttnttc	cnactttnctn	720
ccaanannat	annntanaa	atnntccttc	taacnttnecg	gctantctca	tctctnnctt	780
anntnnnntc	agcgacanat	nnnncnctnc	atatanatnn	ctcangtann	aantttctnta	840
tntntnccct	nananacacn	ntctntnnaa	nttcttcnnt	ntcttantnn	natantttcn	900
ntntnttann	natacnaact	antntnctn	ntntnctnt	nnnatatcca	cctntannnn	960
cantntnena	tanntctnat	tnaatcnct	tctacancct	annnnntcnn	cctntnnnta	1020
ttcnctttct	gnngaataata	tcnatattct	nctntannna	attntttct	ntcnctctnc	1080
antataatat	tttngggggn	tntctnatna	tntnctctnt	aatttttncn	nnntnctntt	1140
annaaacctt	ggngaaatta	atctcttant	catntatnct	nnnggnnatg	tacaccaaan	1200
ttngggttnan	ntntntttct	tcantnntaa	nnngnn			1236

<210> 4527

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4527

tgntttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgatactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540
agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	catttaaaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

<210> 4528

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4528

tgntttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgatactaag	aatgaggtca	atgggaccag	480
tgaagacatt	aatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540

agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	cattttaaaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agtttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

<210> 4529

<211> 1017

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1017)

<223> n = A,T,C or G

<400> 4529

gntttcgaat	gctgggagag	ccgatngngg	ctggnnngcg	cccaannaag	ccctttggga	60
aaganccgng	cgngttgggn	gagnngccan	ggggagnaa	aggannnnngn	gnggaggngn	120
gggggngccn	cngtttagng	acagacncng	gggagaaaac	gggggcgcga	gcncggagag	180
cggggngann	atgnagggga	ncggnnagnn	nnnacagcng	aaagggncng	naagggggag	240
nntaaggggn	ncnggncncn	anacncgagn	gtangggcnn	gncagagccg	cngaaganag	300
cgannccggga	ggcncggggn	gnggggggca	tggccgngnn	nnngnggnag	ccnagtnagc	360
gggnagaggg	nangggcgcg	gggggagnng	acngggggan	gccnngcgga	nggaatagna	420
gggggagggc	nngngagggg	gncggngagg	gggannccnn	gcgnnggggn	nagnngacgn	480
ganaccagng	nggccgggga	ncgggaggnn	gggggncenn	ggggccggna	cnggganggg	540
gagngngng	gggaggggan	gggggggcan	ccgggnacng	nnggggngng	gggggcaggg	600
ggngangagg	gngaggnccg	cgggngnnng	gggggaannng	gangnggggg	ggncennngg	660
ngngngggga	gngagagggg	ganagggggg	ngagccnggg	nnnncagggn	gnanaggggn	720
ggngnnnagg	nggcgngggg	gaggagngng	ggagnganaa	aagngannng	cggggnnnnnc	780
gggggngnng	gagancagnn	gggggggcn	cgngaaggaa	agggcggnnn	agaggngcgc	840
nggggggncn	ncgggggagn	cnggacncnn	ggnggggcn	annganaagg	gngggggngn	900
ggngggannn	gnggngcggg	gngnncgcgg	ngngnggggg	ggnggngggg	acncnggnag	960
ngnnngnggg	ggcncagnga	gggggnnacac	ncncgggggg	nnagnnnnnc	gggcgcg	1017

<210> 4530

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4530

ggaaaggggg	ngnnntttct	aaaggngcct	ttcaaattct	tggctactcg	nctctangta	60
ggatcccatc	gatgcggaat	tgggccacna	ngnnaggnag	ggnttgcan	ctggngtnt	120
caatgataca	ngcacgcgng	tatgcaaagg	aaggaaggga	gcttaatgcc	angaacagat	180
nttgagttg	gtggggtctc	aataaangtt	attttccact	gaaaaaaaaa	naaaaaaaaa	240
tngggcctct	agaactatag	tgagtcgtat	tacgtanatc	canacatgat	aagatacatt	300
gatgagtttg	gacaaaccac	aactanaatg	caangaaaaa	aatgctttat	ttgtnaaatn	360
ngtgatgcta	ttgctttatt	tgnaaccatt	ataagctgca	ataaacaagt	taacaacaac	420
anttgcatte	attttatgtt	tcaggttcan	ggggaggtgt	gggaggtttt	taaattcgcg	480
gcccgcggcg	ccaatgcatt	gggcccggta	cccagctttt	gttcccttta	gtgagggtta	540
aattgccgcg	cttggcgtaa	tcatggtcat	angctgnttc	ctgtgtgaaa	ttggttatcc	600
cgcttcacaa	ttttcacacc	anccattacc	gagcccggga	agccataaaa	gtggtnaaag	660

ccctggggggg	tgcccttaaa	ttgaagtga	gcttaacntc	cacaatttaa	atttgccggt	720
tgengcttna	acttgcccc	gtttttccaa	ttcggggaaa	aacctgtnc	gtnncccaac	780
ctgccttttna	attgnaatcc	nggcennacc				810

<210> 4531

<211> 814

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (814)

<223> n = A,T,C or G

<400> 4531

ntgngggggt	gagggtctac	natnnagnng	ggctnncnt	gctctccgna	ncagnccggc	60
ggngncgaat	tcggcacgag	ccaagnaata	cctnggtaaa	tnttctaacc	tnatantgta	120
tncaggggttn	atggctcatt	tagnttgaga	gtgtaagag	actggagttt	taatccaata	180
ngngtgcctt	ttggttctca	gatatacata	caagctgtga	ttgttttagat	gtttccatct	240
ttttatatat	gcatatacat	attattattg	gtgttnttta	tttnnaggaa	ctgaaagaaa	300
atggtgaatt	gctgcctatn	ctgagaggag	aaaattaata	aatcttaaac	ttggtgcccc	360
actattgtna	gaaatatcta	attacattgg	gagcagntca	tgatntagtc	ctcagaaatg	420
gactaggaat	agaaaattcc	tgctntctca	gatacatgtt	ctgtgtattt	ncaatgtcgn	480
gctaaatnaa	tgtatgttac	atTTTTTTTc	ccnccanaaa	aaataannaa	aaaactcnga	540
gcctcttana	nctatagcga	gtcgtattnc	ggnacnatcc	agacatgata	agatacctnt	600
gatnagtntg	gnccaaccnn	acctagaatg	caantgnaaa	aaangcctta	tttcccgnaa	660
atTTTgngan	cgctntttng	cnnaatttn	ntaaccctnt	tttaannccg	ccaaattaan	720
ccnanttttna	cccaacnnnn	ccnaatttgg	cnattccent	ntctnacngn	ttttccaagg	780
cttccaannn	ggtcggnaag	ntcttttnga	aant			814

<210> 4532

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4532

ngaagnnnnn	nnnnnnngtn	ggctntctaa	tntngcncaa	nngctgggtct	actngnnntn	60
tcncantat	ccctnctaca	cgaatccngc	acgagcnatg	atgnanacg	anatnnactc	120
tngttgatgt	atatatttta	ttnacactgg	aacagctcac	ncnctcancn	tcttgctca	180
nnacctggat	ngatnnccgg	ccncatatga	gcaacttcat	tgagaantc	acctgtaggc	240
ctgacagcct	naaanagtnc	cctttattag	anagtantnt	gncnacttct	gatctgtnat	300
ctttatgtna	agcatgtnta	ttntgnacan	catatacttn	gantnctctg	ncctacngca	360
tattctaagt	tnccatangnn	tataaattgg	ngtgtccaga	ncanccnnnt	taaatttang	420
ccngttntat	taataattga	ncctagatct	nntctaatec	taaaatnaat	cnatgtattn	480
cctgacctgn	tntttattca	atctgtttat	gggaaagcat	catgcancct	ttacaaatta	540
tntntcacc	tctncacngc	nagctttctn	nntcnnnnaa	gtnnngggcta	tctgantatn	600
gtccgcatcc	cttgacnnnc	tagntntccn	ttnaattatc	nctggataca	ctgtggngcc	660
tagttaaann	nccatncctt	tcnangtgga	atngnggnaa	agcgcctnnn	ggggancatg	720
gantttcaca	aagcctcgaa	ngtcccacgc	ctngacgaat	gcaaattccn	angnttgttt	780
nn						782

<210> 4533
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (867)
 <223> n = A,T,C or G

<400> 4533

nttttcnnng	ttggngnnnn	ngnnggggtt	tctaattgtng	ctaattggccg	tggtactctg	60
ttcttnccgc	acgcagnncg	gngnttcgaa	ttcggaacga	ggtectnntn	ntttntntng	120
nngetggng	gnaactctnt	attnnantgt	ccggnagaag	gatgggngtg	ngaacanggt	180
ggncnctgtg	cnngetncag	ctttcactcc	ggnggggntc	natgetgtcn	nggnccgcac	240
gnaactgcan	gnncacannc	ctggcctccc	gaggcangca	cagcaagtgt	gacgggactg	300
gaagccnttt	ncacgacctt	gnatgngctg	gtcacgtcac	agtcantggg	tgccactcta	360
caggctgttg	gggatggntn	ancaggggna	cactgtgcat	nactaacagn	cacctgngta	420
tgtgntgent	anateccggg	nctggnnnaa	cctecngetg	ntcccatgca	ccacaagact	480
gccantgtng	anttgentga	ntccttnctg	cnnnttttcc	ancnatgana	anctcctccc	540
tgcggttcnc	nggaccngtg	naanantccc	gaagcccctt	ngcatggcnt	nggnttggtg	600
accnncccg	cctttnanen	ggcctncnc	ctanacgggt	tgntancccc	nnttctacna	660
tccnggctc	nttcnncnt	ttccttcata	aacgcctgc	gtccttncac	ngtcggnttn	720
ctcggggnc	ntcctctctn	ntggggngnt	tcccnccct	cctcaaccct	ttngnccccc	780
tggattntac	ctanngttcc	cttnaaattc	tnnnccaacg	gccccnctnc	ccnccgccc	840
ngncttnenc	cgttnactn	acnnccct				867

<210> 4534
 <211> 1038
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1038)
 <223> n = A,T,C or G

<400> 4534

ncccttnct	gtagnccnnn	ccannngnc	tttctaaten	nggngnggcg	ctgganatcc	60
naaanagacn	ngccggggcna	nttngggggc	aggngngng	ggggctgnnt	tgnnctnnaa	120
antgnnngta	tcagnacntt	cnacgcntcn	gancccgncn	ccatantang	ggccnngnan	180
acctggcca	acantngcn	ccaccatgnc	tnnnccncc	ttgacattnt	nacnaccnnn	240
ctgaancnnt	ccnctnctcc	ctaccctacc	accnctgtgt	cnaantacan	gcttnagnnn	300
ctnccgctag	ncntgnccnc	cntntatcnc	nanagngact	aactcnnntt	nnaccagnan	360
nnnacnncnc	nactctgect	nccatcggtg	ancctanntc	tactcnacga	tacnncttn	420
acctcatca	catcattctc	tccctgatnn	ntnagtnncc	caaactacnc	gcccacacg	480
nctgtgcntt	ggtnccecaa	acnnccnccat	gnccnnnaaa	ntcttnccnc	cnctnngcca	540
nnccaccncc	naaccctnac	cntatttccct	ntctccctnc	naanaaacgt	taaaccnccc	600
taaaanatnc	cccctatccc	cnnaaanccnc	ntaccacctc	nncggcnccc	accccnccct	660
cgnngacana	anatctacct	tccgncacna	caaaccctac	ctccanttnc	ncncacnacn	720
aatntncaac	tttanntcna	acctnnnccn	tnctanntcc	cccttcenca	nnccccatt	780
tncttttcaa	aanctccctt	ancccnnaacn	tctccccctc	ctaactaata	tentctcttt	840
gcacantcna	ccntctaatc	atencaccac	tnnncatnca	ctccttcaat	ataccntttc	900
tcttcnnaaa	anttncctn	tnncanatt	cctntcnntt	ctaactctct	cntctctctc	960
cctnnancac	ntctctctca	ncgggtctatn	ccacttctct	ntnctctact	ctentccnca	1020
ntcccaaan	ccaccctt					1038

<210> 4535
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4535

tccccaaaaa	agaatcatt	nggttttggg	aaagaatacn	nantcagnaa	ctnttcnggt	60
gtgtggtgaa	aatgtcaccg	tgtgtggnat	accctatctc	ctggctacaa	gacctgattg	120
aaaangaaca	gtgtccttac	accagtggaa	natgagtgc	tcaaagactt	tgatgaaang	180
gantntcang	agttgnatga	gctgcagaag	aagttaaata	ttaacatttc	cctggaccat	240
aagagacctt	tgattaaagt	tttnggggaat	tancnttaga	tgtgatgcag	gctanagatg	300
aaattgaggc	cgatgatcaa	gagaagatnt	gattggccaa	aagaaccagg	aatcccggnc	360
cagattcgtt	ttnantgant	ttataggnat	ggcancnttn	atggacnaat	aaacacttct	420
tcatttgttt	nttaacnaaa	ntgtncenn	ttttgaaact	cnttngggat	gccanagggg	480
aggnaaaacn	ntaagncctg	tttcccccaa	aaccngnant	anancggttn	gtganaatat	540
ntataattgg	tngtcctttg	nnttctcttc	nngngngngc	anaaaanant	tntttggncn	600
ntgcgntgtg	ngcncctttt	cnaaaatctt	ttgattngcg	gagngngnna	nnnnctctaa	660
ntgnntttcc	gtccctttga	cncngaann	ttgtgggnnt	ttggggggcca	ttatnataaa	720
ttttttntna	gntcgggtgn	aaaaatagnt	cnccttctng	nnaaaaanata	cnttccttna	780
ggntntnaaa	aaccnann	aagnnngcgg	ttanaaannt	gtnaannact	agagnntnnn	840
gnatncttnt	tgtnntatnt	annnnnnngn	ttngncnggn	tnaaanttnn	gccnctncnn	900
attttantnt	tatntaatcc	ttntnnggan	nn			932

<210> 4536
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4536

atacactgac	cttgcccgt	catctgcgag	atgaccctgc	aggaatacca	ctatgtccag	60
gagaaggctt	ccaagctagc	tgctgcctgg	cttactcctg	gccctctaca	tgaagaagct	120
cggatactgg	gttcccttcc	tgagacatta	cagtggctac	agtatctctg	agcttcaccc	180
cttgggtcaga	cagctgaaca	aactgctgac	tttcantctt	tacgatagtc	tcaaggctgt	240
gtattacaag	tattctcacc	cggctcttct	tgaagtcgcc	aaaatncctg	ccttggatat	300
gttgaagctg	gaggagattt	tgaactgtga	ttgtgaggct	cacggcctgg	tactctacan	360
cagccacagg	gctaagcatg	catgttaaca	gggtatat	attctatgtt	cgaatttgct	420
ttttgatcgc	tcanattcat	tttncctttn	nttgcttttc	ccaaactggn	aatgggtataa	480
atatctatgt	ngcttggttt	tatgaaagga	aannaaattg	gcanatttga	ctncaaat	540
aattanaaaa	ttnatgggtt	attgggttaa	aaaaaaaaaa	aaaaaaaaaa	ctcgancctt	600
tttaaaacta	taaagaggtc	gnaatanccg	gggngggcng	gaccatggan	aacaaacatt	660
tnctgaagn	tnccggccaa	accncaacgt	ngnatggcaa	tngnaaaaaa	aannccttnt	720
tttgggaaaa	nttggggang	caaagtcttt	tattgccanc	nttttnaaac	tgccaataaa	780
caagtttacc	ccccncaatn	gctttcantt	tatgttttnn	ggtccngggg	gagggg	836

<210> 4537
 <211> 1039

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1039)
<223> n = A,T,C or G

<400> 4537

atggnnnnnn	nnnnnnntttt	ttttggaaaa	aaannnncccc	ccctttttttt	ncctnaaaaa	60
attgggcent	tttggggcaa	aaanttttngg	ccctncttcn	tnctttgggn	tnttgnnnat	120
nccccnatt	cgggnatttt	nccggaaaaat	ttccggggcc	naccggnagg	gggnattagg	180
ccctttnana	nagncccaaa	nggtntntta	cccaaagggg	tataattttt	aaagnnatgg	240
gggnaccagg	gtgtntngcc	ccaatttagg	aaagggaat	ttntctnaa	atnaagttgg	300
gggtntannt	ggccangtgg	ttacctnggg	gcattnggna	aatatnttct	tgggaacttg	360
aggtntaaac	tggaanggga	gnagccctna	aacctatagt	aacttcannt	ccccacaagt	420
atactagaat	tngtgcatcc	tcgattttata	ttgcaagngt	ntcaaangtg	tcactgmnac	480
acaaatagaa	acactgccaa	cttggtgtaa	cttaagctnn	catttaacta	aaacattntt	540
ttcttgcaaa	acttatttat	tcgatgatcaa	ttttntgggt	atntattata	ctttgattcc	600
taaattagtn	catccttgaa	tctatgaaac	tggtgcagtc	attatgcccn	naaatnntct	660
naaaatata	taatgggtca	ccttnctgnt	caaaggggtg	gtgcaanggn	cttgcagcat	720
tnttacatnt	tgtgctttgn	tangaaaatg	taaactctna	ggctccacaa	nttnactttg	780
ctgcattttt	taacaaanaa	tccccaangg	gatatgtaat	gctcataana	aatttgggac	840
anctgggttc	nantggaaaa	angggntctn	aagggnatgg	cataaacttg	gtggtnccgg	900
tnanggnntt	naaggccttt	tccaacttta	nannnnnttc	tgatttttga	antnttccan	960
tnngntntaa	naacctnnnt	tatatatcna	anattagggg	cctttnaaaa	aaanncttat	1020
ttngctagn	aaaccntnc					1039

<210> 4538
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

<400> 4538

ctnnnccctc	ttgatecntt	cctnctttga	anncatnngc	tacttgttct	ttttgcagga	60
tcccatcgat	tcgaattcgg	cacgaggctg	acctacatca	gaagctgctg	gatgcagnaa	120
agtgaaaaca	gaccaaaca	acacngggcg	aatcttnaca	ccattntggg	tgccnnatnt	180
nnccnnngat	atttgcttgc	tnagctctac	tcctccaaga	nannangnnt	caaacnctnc	240
agcangntag	agcanntnaa	gaccgcntnt	nctnacctnc	tnaagannct	ctgngaggan	300
cgcaatcctt	tngtggaana	tagaatcaac	agaccacact	gcncctctga	ccatgngctc	360
tcaaangngc	tagaaggtgc	tgaccttttn	agactcttgc	agaagaggcg	angtggtgng	420
anaccctnna	ggaanacttt	cccgaactag	accnccnctt	ncngaacnng	ntcaactggt	480
ggggngnaaa	ncntgtgann	tgtnngcctt	cngagagacg	gcataattcta	tgatggcnga	540
cttnatnctt	ctgcggaacc	anactngacn	tactgaaaga	aanctganac	caagcgtctt	600
ccttaaggac	ccttatatcc	agacnatcct	ttggataata	ccnctnggcc	aaaacctnnt	660
aactntgcat	acaatcngga	tggcaacatt	tgaactggng	gccttnanna	ccnttaccgg	720
cttttcncat	tatgnaagag	ntn				743

<210> 4539
<211> 849
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (849)

<223> n = A,T,C or G

<400> 4539

ccnctattg	ccnnncacat	ggggnttttc	caccccgnct	acgtggtggn	cgcccanncg	60
nacnagcang	agcctacnan	tcggaacata	tcgcctttat	ngtctttaac	anaganntnn	120
ntnnntagnt	cnattcantt	atnaccagc	agatccttaa	tnnaggcccn	tatattnctt	180
acctnattag	aactntnnnc	aaanntcaac	tgnntnacct	taatgnntng	nagcacntnt	240
nacagnngna	cttaaaactn	tanaatntcn	tnagnnnncg	ttattctcca	ctgaaggnet	300
ntccactgtg	caccattttca	ngcatcatca	ctatgattct	ttcancanga	ctntggcncg	360
gnttgncact	gatctntnnc	cnaatggcna	acnagctgna	tnntcnnttg	gnctcnctta	420
taggaacnan	caacactagc	ctactgnatc	atgatntccg	anaactgaac	catgaacact	480
gccatctnnc	catgntacct	gcatnaagaa	nttcacntca	ctctgaaaca	tannatgact	540
gacntgganc	tnactaattn	ctgagaactg	nnnntcaaan	naccactta	atngggntca	600
ncatnttggn	acncttgnaa	tntaanntna	nnnaaagacc	nnnnttgant	ngcccncatt	660
ttannttngn	ccataataan	ngngccacnn	ncctnaannt	cttcaancan	gnaaaagntt	720
ngcaacttnt	tacnacctct	ncttccccnc	tnnatctaen	atncnnnata	taccacttan	780
cccagaatan	ctacncccaa	nccanncant	caccncccca	cnattttatc	tcacanttcc	840
ncantccct						849

<210> 4540

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 4540

gnnnnnnncnn	cnnntggng	nttggtgggg	nttttnnaatg	ttgcnaaaaan	gcctgggctac	60
tcgttctttc	cgcaanancc	ntcggttcga	attcggcacg	aggagacca	tgcaaagcct	120
gaacgaccgc	ctggcctctt	acctggacag	agtggaggagc	ctggagaccg	agaaccggag	180
gctggagagc	aaaatccggg	agcacttgga	gaagaaggga	ccccagggtca	gagactggag	240
ccattacttc	aagatcatcg	aggacctgag	ggctcagatc	ttcgcaaata	ctgtggacaa	300
tgcccgcate	gttctgcaga	ttgacaatgc	ccgtcttgct	gctgatgact	ttagagtcaa	360
gtatgagaca	nagctggcca	tgcgccagtc	tgtggagaaac	gacatccatg	ggctccgcaa	420
ggtcattgat	gacaccaata	tcacacgact	gcagctggag	acagagatcg	aggctctcaa	480
ggaggagctg	ctcttcatga	agaagaacca	cgaagaggaa	gtnaaaggcc	tacaagccca	540
gattgccagc	tctgggttga	ccgtggaggt	agatgcccc	aaatctcagg	acctnccaag	600
atcatggcng	acatccnggc	ccaatatgac	gagctggctc	ngaagaaccg	anaggagcta	660
gacaagtact	ggtctcagca	gatttgagga	gagcaccacc	agtggttacc	acacagtctg	720
ctgagggttg	gagctgctga	gacacgcttc	acagagcttg	ngacgtncag	tccaatc	777

<210> 4541

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4541

anttttanct	tgaccaccttc	aannangatg	aacataaagc	tcttacgttc	ttgaaaggat	60
naaacacaag	aataagatgg	ggtncagtg	accagctcct	ctacctgggg	tcatggagga	120
ccgaagaccc	tccaaccttg	atgcctgtaa	ggacaggcgc	tnctgtaagg	gatcaggtgt	180
aaagaatctg	gccatagctc	ctgtacaaag	cctctttgtc	tgaagtactt	gggtgctctt	240
tgacggcaag	agggaacaca	acctgtccgt	ggctgcttgg	acctcaccac	gggggctcaa	300
gtggacataa	catctatttg	acaggccctg	gcantcacca	ntgggggtgtg	tgtggcagtn	360
gctgtggggg	gtgagaatga	ctgccaacag	gcacttctca	acaaatgacc	tngctgtttt	420
acattggccc	tgaaccaggg	angaaagnag	agggaccaat	tggaagcctt	tgttnccanc	480
atttccttct	taaaaaagg	gaganacaat	tttaaaggca	cngttgttat	ggaatttggg	540
aattaaagc	aggaggcttc	aaaggggtgg	tttcttgann	tnaaaggaac	acaancccg	600
ngggggcttt	tgnnggggtc	naccannag	nccttccctt	ggggcangan	ancacncaat	660
ttngtinnct	nattgccatc	nnatttattt	gccccctttt	ttnantannt	tggttnccca	720
agaaattaaa	tnnntggtnt	tattaaattc	attttgttng	ctttnttttt	tggttcgggg	780
aagntntttg	cntananacc	ccccccaaa	gaataattga	attgggggtn	ccccttgcan	840
cctatttgat	ttnttttaan	gcctgtnaa	aaangncttc	cccancctt		890

<210> 4542

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4542

ngggntccnt	tttngaaagg	nctctctttt	aagacccttg	ctacttgntc	ttttngcagg	60
natcccatcg	antcgaattc	ggnnccgaggn	tggccaggan	ggtctnaatc	ctgancctca	120
ngagngngng	gantgagtn	nagaanngcc	tgtcgnangg	agatttgggt	agaagccctc	180
atgctgagct	ttgtgtccct	ggtgatgttg	gaacattaat	gatggaacat	ggccaaactt	240
cagtcagat	cctgaaacca	tggcttcagg	atcatgactg	acgtcatggt	ttcttccctg	300
ccagaaatga	aggttcagtt	atgaggcaac	cctctagtaa	ggcattgtaa	aagttactgg	360
atttggttta	ataaaaagttg	aaataaagtn	anataanatn	aaanaaaaaa	ctngagcctn	420
tanaactata	gngagtcnta	ttacntacta	tccagacatg	ataagataca	ttgatgagtt	480
ttggacaaac	cacaactaga	aatgcagtga	aaaaaangct	ttatttgtga	aatattgtga	540
tgcctattgc	cttnatttgt	acncattntt	aagctgccat	anacaagtta	tncaaccacc	600
nanttgcntt	cattttttatg	ttttcatngt	ncatgnngga	ggntttgggt	aggtttttta	660
atttcncngc	ctntngctcc	cantngnatt	ngggccccgg	ntcccnanct	tttngttccc	720
tttacttgng	ggggtaaatg	ccnccctttg	gngnnannna	tggnnctacc		770

<210> 4543

<211> 861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (861)

<223> n = A,T,C or G

<400> 4543

```

tngntntnnn naaagnngnt ctntctctana gntgannttg ntgntgaacc cactntcccc 60
cannaancnn gcgngncgaa ttcggcacga gcctantaen gtagncttgg agcatcacga 120
ttttttnnna ngcntgcate agtatactgg aggacctnct ngcncctgcng gacanagacg 180
tccnacagaa tnnngaaaac ngtgctcagg actanannct gaccaacacn cgtgcacana 240
agcaaggaan tagggcngga nancnantnc ngnggcntnc agctctgncn cgcannatnn 300
gntanctnnt gacttanctg ganancaatg aaggnnctna accaaagtnc ccanggggac 360
atnganaaat agcacnangg gccttgatn ggacnntacn cnntnccnaa cntggntnecg 420
gggntgnnac cntgggaaag gagccttctg catnnncnnn cgccntaccc atgancnccn 480
ctntaccang gctntgcccc ctgagccaan cncgctgggt ntgctgcnaa ngnaanaanc 540
nanntctnca gatatggacn taacctgca aatntanaen ncttgccaat ttcnattttg 600
ccangatccg ncnannccac aatnctctct nnaanagaat cncccacncc cncnagaac 660
ctcngnaaaa cattnnggnc nccnctnng nagctacaat tnnctctcan cctagganac 720
cncnntcgct atgcncccn cttaccaanc ctanttcnnt cgnancttac ccnnntttac 780
ccntnnggca tttcccccn accnttgnat ttnannnatt tcccttcnng ganatgcaat 840
tctcntngnc acccaacaac c 861

```

<210> 4544

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4544

```

tgtgngtgct taagcagatt gctatgatgc atgtccataa aacagntttc tttctgttct 60
attgtggagt ttttctgggg ctggaaaaca ttcttttggt atttccaaac actgtctata 120
attaccagac atgatataaa cacataagggt gccaaactgga atttactcta gaggggactt 180
tccctctcag acttccagtc aactcacact tgtgcaacaa agtgcattgt gtcccctaaa 240
tatgcaagca gaactgtgtt tctgcctatt tggatatctat agtcctctac agtcacttct 300
agagagacta aaccaaattt ctaccaactt cacagggcaa caatcaatag ttttatctca 360
atgactcttg tatcttcaga ccttaaactg attcagagac catggggccc acaaacctaa 420
tcaagagtaa cgttttcatt gagtacacat ttcagacatg agaattctca ctttccccctt 480
ttttctcttg gtaaaatgtt cacaaaatgt gcaggtaaca cctgctgggt actncagcca 540
ttcgggcccc taaatctgca gctcttcatt ttggatctag gtcttgagaa tttgggaaat 600
agaaaaattt ttatctaaaa atgcaagtct tttgggttat caaactcaga cattgaaaag 660
aaaagngcag ttacgccttt ctntcnttgg aaanatgnat tcatctnttg gaactgggtc 720
acttttggcc ncaagttgat gtntattaaa ctggatattc cacattggac actggatctt 780
atccctaaac cataatgana tatgtccaat cnt 813

```

<210> 4545

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 4545

```

tgggttttca gnggccctt tnanacggnn gcggcctttc gcctnnncgn aanagcccgn 60
gcgattcgna gacngcnnga naagtgnenn angtnncttn ntnatggtga ggactttatg 120
nancgtgagn cantnchnng cntgtantatt ncnncnnnt ggnaagatng cagtgtnnt 180

```

ancctgatgc	cagntggngn	tatcccntnc	nennnttntt	nnttcacggn	gaacnnnata	240
natngannag	aatggnatca	gagaaggata	ctcactntgc	tctcacngat	tagcggcgat	300
tngentgatc	ncngctgnca	tgnaaccct	atctctgngn	ttcangcgac	tgannngtga	360
ncaccncccn	nctagntgnn	acnnatnnca	ctcctnngac	tntccngcaa	cntnttntnn	420
ctntnagngn	gtnnncngnn	ttncaccggn	nnnnccnenn	ttngnnncna	tncttttnac	480
cccnnntggc	nccacannan	ctncctttgc	cataaannct	ttntnttacc	atgannngga	540
ttncncnctt	ttngnctnna	tcnctntna	attcaatncn	tanncnntta	tcnnccntt	600
tttctntgnt	ccnttttnt	gnngnantngn	ctgggaantt	ttggtntecn	cctanntnga	660
antcngcctt	aanatccctt	gggtggacnt	tgggcangnt	tcttctnggg	gaatcccttt	720
ttnatggaat	tggccttnaa	ggccnnttgg	tcttccttgg	caaccntngg	ggtngggcnt	780
aaaatgggcc	cctnaanttn	tttanaatnc	nnnnnnantt	actnttttcn	ncctccaacc	840
nntttaccgc	gttgggctct	taacccccag	gntgggaatt	tcaaaatttt	taaggnttcc	900
ccatttnttg	gaaaacctta	ntttngggac	cccccattn	gggctnccna	ttttnggaat	960

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (816)

<223> n = A,T,C or G

<400> 4546

tntntttgga	aaagggcagt	gtctctaaac	ccaggcacaac	ggtaaagtgt	gggcatanca	60
agagggcccg	gtagtggcca	cttncccatc	atgctcgntt	ctcattttgt	gttttttagt	120
agaaaaacac	agggtgttct	tttgcccaga	cattaatctt	tagaatgcct	gtnttttcta	180
atgttgggat	ttctttcaca	accaccacc	ttaatatctt	cattgngact	caganaatca	240
gacttcattc	gattctntag	agaactataa	atactgttgt	cagtagaagt	gaantcttgc	300
ttatgtaatc	ctaattcaga	atgtgttctc	agaagaggta	ggcnnggacc	ananctgggc	360
nagaccacag	gcagaggcca	aatccnnccc	cctgccgnta	gnagctaata	tnagttttac	420
accacttgt	tcatgtatct	tccttggtta	cttgtgggca	gcaatgccag	agtcaagtca	480
tcataacaga	nacagaatgg	cctggaagct	ggatttacta	tttcaacttt	tacattaaaa	540
cttgatgacc	cctgtgctag	acaggcagct	catttctgcn	ggtaaaatta	tatttcatct	600
tccaactttt	catttccaaa	atttgaacct	atattactgg	aggcccctta	cnnaagntaa	660
anttttcatt	nttcttttgg	ggggaaann	tncagaaaaa	nccctnngcc	cntttaaaaa	720
cttnnatgng	ggtnnnttac	ccntgtccca	cnctggaagg	tcctnngggg	nttngggcaa	780
anccccacna	nnngtgcccn	gaaaaaatgc	tttttt			816

<210> 4547

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4547

taggagtctg	aaggcctcgc	tgctttctgt	gatggctttg	cagtaagtgc	cgctggcct	60
gcatgcattg	gctaacaggc	tgcagaatgg	cacngaaggga	ctcgctcgag	attgtcatgg	120
ccagagatca	taggtcactt	naggtagcaa	gacccctgnc	aaactgggca	cttggcctat	180
gtactgattt	gtgggatggg	ggcaggggtg	tggggctcct	caccctgcct	gaattctctt	240
tggcttctgt	gctctgtatg	ctgctgtccc	caagggtctt	ttcttattat	ggcagngagt	300

```

ggggattggt cctactttct ttctctggaa anggaaagcc tccaagactc catgtgcttg      360
ggcagcttga gaaggcggtc ancaccacgc ctagcaggca gaccttgaag cctcaccttt      420
antntatctg caagagggtat tcanttcctg gcacaaggga ctaggggcat gtanagtata      480
tgacgaggca atatggctgt gcnggacctt catttaactt caattaatag ggaaaaatta      540
ttatactcta tagatcctga aagggttcta agattaaaaan catccttatt aaaatcttct      600
aaanaantct ggaaagaaac acctaatacta naaaaggctt gttnaaaaaan ccacagnat      660
gggttnttaa gaagcaaacn ccncagcatt tccattttaag taaaaactaa ccaaggcagc      720
ttttatttaa gaangntccg gccttctaac cctgcacaag ccnatgagga catatggaaa      780
attttt                                         785

```

<210> 4548

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (734)

<223> n = A,T,C or G

<400> 4548

```

gngcagctct tggtcttana gncaggctac ttgttctttt tgcaggatcc catcgattcg      60
aattcgcccc nagctgtgng ggacacattc nnactgcggc aggacntgtn tgctgnctna      120
tcacnttgac ttgtaatagc attaatnntc aagcgattga tnatnataa nngncattct      180
agcatngtnc atggcngann nentcctggg anatgntaac ggtcttgcn nctgatnct      240
ctatctgnac tgggtctctg gcangggcct gatgnatngt anatactcgn tangtactnn      300
ttnngttntc nggggntctn tcatgnnnng natnnnagca cccangagg nactacactnn      360
caagaaaaaa tggtnngctn ntacngagct gtnaagaacn ntggaaacntg ctatcctgan      420
gccnctnaac ttcacatggg gatgcctanc ttgtatnnat gttncnttnt gnttaacccc      480
atgatctgan tntggacact aagancnntg tcatnggctg agngggctnt gaangnact      540
cntaattatg acnctgggat ntaaacggtg ctcacattgt cttgnanggn antttttcaa      600
aaanggattt ncgccttttg gncctntggg aattttaatag gcaanaagtt ttggccntaa      660
ttgccanang anganancct ggantgctaa ngaacggcnc tnttgccctn nggatggnc      720
cctaacttna aggg                                         734

```

<210> 4549

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (621)

<223> n = A,T,C or G

<400> 4549

```

tgnggggcna ganaccgnt ngggctgcaa gggccggctt gaccnaccgn atnccggggc      60
ananatgcct gtcnagncnn caaaggaagg ttgtnncgct ttagcctat tgggtgaaaa      120
aancccnttn tngaaggctc atcctcaaan ngcnntngc gttccccga ctggccgttt      180
atncaccnct ggnaagagg ganttnattn naccgctct tttttanaag annnnaaagg      240
ttcngcatnn tggggcnnnn gnnacactg gctttgaana gcnanagctg agtgacatcc      300
accagatnc aaaatggtna catgtcaact gtggccgaaa acngggccgc actgncccat      360
ccgctcttcn ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg      420
tattcacaca ggctntgagg ggggagggat tgtntcaga atgcattaag cgcnttnaat      480
agcctgcntc ngttgctttg tcaantggc ttnacatgaa tgcccgtccc ctgaatatcn      540
ngtaatcatc tatcnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng      600

```

gtcgtactgn gnaagagctc c

621

<210> 4550

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(971)

<223> n = A,T,C or G

<400> 4550

```

nccncttntn tntagggngn tngtgggggt tttcnaatnt nngctaatagc tgggctcntg      60
nnctttntgc aggtatccca tcgattcgag ngatgcactg ngantacacg cnctaaaaat      120
cgcagtcctg gccanaagac gttatgggca ttgtgagggg ctgggggnnt tggctcctntt      180
tnaggggctg tnnggactca aatcggtgnc tggtttcaca catatgtgtt ggtttgtggt      240
ncaacttctt tatctganaa cnccagtgat aaancattga tgntactgac caatctaaac      300
taccatcttg anagagtngc anctgaaant gatgcgatag gcgtgncaag tatctgatna      360
cttcttttnan gcatacgna naantgtatg ccngttacnc ttgnangata cctntgctnt      420
nacaggntca gtatntatca gtnngnacac aaacacatga acacattcng atanggctta      480
tttcacacag ttgaagttga tgatcntccc ctggagtgtc ctgntanata tgnncncgcc      540
tntangggna aaanaacccc aactgtcttc tntgaccacc ccnagcntnt ntnncnntan      600
taatatttcn tncannngng naacgtnnnc naccgcctnn aatncctnnc cntcgnagg      660
naaaanccca nttnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn      720
acactgggcn caannccctn gnnncacaac cnctttntnt tntctcacng ggaatcgcca      780
atnctgcact tctctatccc tggncctaaa aaanattana tctccggnet ctatcnnttg      840
taagntcacn antctcctc nntancaaan cnanacnnch annnttttnc aaatccttcn      900
tnncncnca nnncnnggng cacantntnn cngtgnchna actcntnggg gcnnatntnt      960
cncncnctn t

```

<210> 4551

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4551

```

tttgaaaacc cntttntttt naatcctttt ctttcaaata gttctngttc tttttgcagg      60
atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc      120
aggctggctc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg      180
tgcttggtct agatgacttt taaaaaaaga cttctctaaa gtagaaggaa ggggtggaatt      240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gagtgcgaatg      300
gcgcgatctt ggctcacgcg aacctccgcc tcccggttcc aagtgtattc cctgcctcag      360
cctcccaggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt      420
agtagagacg gagtttctcc atgttggtca ggctgggtct gaactaccga cctcaggtga      480
tccaccacc tcggcctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc      540
tnctgttcc agttttctat aatctgttca tattatattc tgggtatatg tgggtggtgt      600
gattatccat gtggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt      660
aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcaggttacc      720
aatcttaaaa aaaacttant tcatttttaa aattaaacnt taaaatttnc caattccatt      780
tnaacattaa n

```

<210> 4552
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4552

tcnttcagtt	attcggttcag	ctccttgntc	tttttgcagg	atccctcgat	tcgctcagct	60
cttccggagg	ctgaggcagg	agaatcgctt	gaacccagga	ggcagagggt	gcagtgagcc	120
gaggttgccg	cactgcactc	cagcctgggt	gaccgagtaa	gactgtctca	aaaaaaaaaa	180
aaaaagaaaa	gaaattgtcc	tttggttgcc	ttagttccag	agttgaatga	atgtacacat	240
tcngtagtgg	ggggggcaga	ccggataccc	cttccttgtc	tggttccttt	gaaaaaggac	300
ctccaccttt	caaaggtact	taaagccatc	ttttacagat	tgcttgtaat	gtaagggaaa	360
agaagtcatt	gtnccttggg	attggattgg	agggnaaaat	catcaaccac	tagccccctt	420
ttcaaaatca	gcgaagatat	ttngatgatt	aagtgattca	ttgggtatgt	tctggctact	480
gatgttactg	aaatctgcaa	tcngtatgn	tttttaatta	gttgcttttg	tatttgaatt	540
tatgacattt	cgaagtttct	gngcttaact	ctttttaatt	aattttctgc	acgtngcttt	600
tttctctttg	gttttaattc	catacagagt	attcaattct	tgaaaacaca	ttaaaaataa	660
tttgcttgca	aaaaaaaaaa	aaaaaaaaaa	ctcgaacctt	tanaactata	gtgagtcgtn	720
ttaccgtana	tcccagaccn	tngtaaaatt	aaaaaaaaaa	t		761

<210> 4553
 <211> 1281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1281)
 <223> n = A,T,C or G

<400> 4553

attttttaaa	ntttnggggn	naaaaatttt	ttcttttttt	tggggtccnaa	anattccttc	60
cggnccattg	gcccccttg	gcccnaagg	nttnccggga	aaccttcctt	tnaggnnnng	120
ggggaaatcc	ccccccggg	ggnggtttta	cccnggaaa	ggccctnccg	gnaaaaaatt	180
tccgaccccc	nttaatnaag	nttntttttt	ttcnnttttn	tttaacaaaa	ttttccnact	240
tggggncccg	gttcgggttt	ttttaaacna	aaacggnctc	ggngngaact	tgggggaaaa	300
aaaccccntn	ggnggttta	ccccaaactt	taaaatnggn	ccttnggcaa	gcaacaattc	360
cccttttcng	ccagcttggg	cggtaaaaaa	cgaaaaaggc	ccgnanccga	atcgcttttc	420
caaacagtgg	ccaancctng	aatgggaaan	ggnccccccc	tgtaccngna	ccataanccg	480
ncgggggtgg	tgggggtaac	ccccaaacct	gaacngttaa	nttggaagc	ggccctangg	540
cccgttcctt	tcngtttctt	tccttccttt	tttcggcaac	gntanccggc	ntttccccnt	600
caagnattta	aatcgggggc	tccttttang	ggttcngaatt	taagtggctt	taacnggcaa	660
cctcgaaccc	caaaaaactt	ggattttang	gnggaatggg	gttcaacggg	aantgggggc	720
caatcggncc	cttgggaata	gaacgggggt	tttttnggcc	ccttttggaa	ccggnnttng	780
gaaagtnccc	aacgggtaac	cttttttaaa	taaagtnggg	gaaccttctt	ttgggttttc	840
ccaaaaacct	tgggnaaacc	naaaccaacn	tttnaaancc	cccttaatcn	tttggggggg	900
ccttaatttc	nttttttggg	naaatttttna	aaatnaaaaa	gggggggaaa	attttttttg	960
gnccccgnaa	aatttttccn	ggggncccc	naaatttggg	gggggtttta	aaaaaaaaaa	1020
aaatgggnaa	agnccttggg	aaantttttt	aaaaaccnaa	aaaaaaaaaa	attnttgaaa	1080
aaccggcccc	ggaaaaantt	ttttttnaaa	aacccccaaa	aaaaaattng	gtttttnaaa	1140
acccggggccc	tttttaaaac	naaaattttt	tttccccctn	gggaaanggn	cccngggggg	1200

aaaaattttt tttttnnatt tcncccccntt ttttnaaaaa aaaaaaaggg ggggggnccc 1260
 cccccanaaa aaantttttt t 1281

<210> 4554

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (916)

<223> n = A,T,C or G

<400> 4554

tttgaan	ca	ctctng	ttcttntgc	aggatcccat	cgattcgcag	aaagggaaaa	60
tatgaagtgc	gtgctgggt	ttgctatcgt	atccacaggc	atcacggcag	tgctgctcgc		120
cttgattttt	gttctcagaa	agagaataaa	attgacagtt	gancttttnc	aatcacaaat		180
aaagccatca	gcagggtcc	ctnnctgctg	taccaccccn	gngaaaattn	gccaccctaa		240
ttttnttctg	gntccttttg	nnggntgn	gctgaccctg	ggaactgaag	ganctgcccc		300
tnntatgnan	ggcgnccaag	tgggaatata	acccctttnc	ggcattcg	ccatgtggcc		360
gtaccnttaa	tttggcctca	atctggacta	gngaaattat	ccttggcgng	ccaacaaaa		420
gactataact	tggggcagtn	ggtnccttgg	tentttcaac	canaagtnaa	aaattaatcc		480
tccggaatca	atcccatcct	tttcgggct	ctcttccaat	tcttntttct	ttntaaccat		540
caaaggggaa	ccatttgtgg	aaaangggnc	aatttttnaa	ncctcttggg	gggggaggga		600
tttccgaaga	aatcaattgg	gcaatggtta	ccattgcna	aaaacgcan	cttggnaaaa		660
gnaaacaagg	caattggntg	gccantttgn	tcccaangg	taacccttgg	ttttccccga		720
atggcctggc	cttaccttgg	nttgggattt	cttngggng	gtcccttgg	aaccaa		780
aaacccctng	ggnttcccaa	tttnttnnaa	accccccna	aattggcccn	ttntttacc		840
tttaccaaaa	cctnggggtt	tttttttnaa	aatggggggg	gggggaaan	cccccccaa		900
aaaggggna	aaaant						916

<210> 4555

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (791)

<223> n = A,T,C or G

<400> 4555

gngtctccct	ttntttgaca	tcnnttggct	ctcgtctctt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagacctga	gctaggggtg	cagcagaaat	tgagttgcag	cttgcccttg	120
tccagacct	ttttctgctt	gcgtttttga	aacaggaggt	gcacgtacca	cccaattatc	180
tatggcagca	tgcatgtata	ggcgaacta	ttatcagctc	tgatgtttca	gagagaagac	240
ctcagaaacc	gaaagaaaac	caccaccctc	ctattgtgtc	tgaagtttca	cgtgtgttta	300
tgaaatctaa	tgggaaatgg	atcacacgat	ttctttaagg	gaattaaaaa	aaataaaaga	360
attacggctt	ttacagcaac	aatacgatta	tcttatagga	aaaaaaaaat	cattgtaaag	420
tatcaagaca	atacgagtaa	atgaaaaggc	tgtaaagta	gatgacatca	tgtgttagcc	480
tgttccta	at	at	at	at	at	540
aa	aa	aa	aa	aa	aa	600
aa	aa	aa	aa	aa	aa	660
gg	gg	gg	gg	gg	gg	720
cna	cna	cna	cna	cna	cna	780
cc	cc	cc	cc	cc	cc	791

<210> 4556
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4556

ttntcnnaac	cttcaactcc	cgtgctnatg	caagatccca	tcnattcga	annnggcacg	60
aganacnctt	aantatacgc	tacggtntgt	gtgtgggtgt	nnatacnac	catgttactt	120
aatcnctttg	gtaccnnttn	cnttttgntg	gatccaaant	gnaaaccgat	gtntgntacc	180
ngnccnntatg	gtnttaaacac	tttttaaant	gananaacatt	ggatcttaaa	accctaagct	240
attgcacanc	ngcatttcac	nnccgacgaa	gcccgggtatc	ccctanacgn	tggggcactt	300
tccntaaatt	gaagntgnca	atnntatgcc	ggntnctnaga	tataangtgc	acncccaaaa	360
acgcttttcng	ncttgtaaac	tcaacngcat	agttangcnn	gnncntgncc	gcncacatg	420
gtgaaacatt	ttnccttnacc	aagantaaat	gnccanggtg	cntnttaggn	acacttactt	480
tctccgggnac	atccaattaa	cgntatttgc	ccgntgctgt	gcctgggnag	tttttatttt	540
atttatttgg	ggttgnaaaa	gcagnancag	agggagctca	atctngtttg	aaaccnacgn	600
agtgtcncca	ttgatacgta	natnaatnaa	ccgccnggng	gnntttttct	tttttttggg	660
cctggaaaat	gctgatnccc	tttgacaana	aaggnaanc	ccccctagcc	nactaanngt	720
cnccccattn	tttngggaaa	naagggggat	aaanaacttc	ccccccnngg	nggggagct	779

<210> 4557
 <211> 1259
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1259)
 <223> n = A,T,C or G

<400> 4557

tttgaaagc	cccttgga	gggtgcacca	nctgntgnac	acccgaaggc	ncntcccagt	60
ttgggttann	ggacncgcng	ggngggcngn	aagggggaga	gcnaaacggg	gganagngtg	120
ttntttgngn	ggcaggagca	gggaanagg	gggggggggn	atnangngcg	gncnaaccgg	180
ggaggaggng	gggggnngca	ggncgnacga	cngacganag	ngggcnanna	gnnnnggcn	240
gcagnnagg	gangnggatn	agnggnncgg	ncgtgnnnng	gagnggacgc	gngcngantg	300
gacgatggag	gccnnagncc	agaggcngnn	gnnagnnagg	ggnnatgang	cgcgacgann	360
gagcacnggn	gcnnaggcng	cgngcccgna	ngngcgggga	gaagcggngn	gagacnnnag	420
gcggnnccan	gngannngng	gaaacagnng	nnngnngagn	gcgggnancg	gatgnnncgg	480
nnggannngg	nanggggnca	ggcgnnnagn	nnagcgagg	ngnngngagn	gnaggaggga	540
nnaagcgcgg	ngggncaaag	acngggacga	ngatntagng	ngggggagga	ggganncgcg	600
nnacggnnac	gngtncgagn	aaaangacga	gggtngngc	ngtngggagc	ggcgagggn	660
naataggaga	angggntaa	ggngngcaga	cnncnanngn	naggnnanga	cnaancagn	720
nngtgncatg	gcaganggnc	gncangnggg	ncgggggcan	cagagacgcg	atgagnggn	780
anagancgg	gacagggggg	ggangcaaac	gcggngagc	annccagn	ngnnnggggn	840
antngngnnc	nggtnaggag	ngannganng	nngcatgagn	ataggnnnga	ganagnang	900
nnngggggaa	agggaccnta	acnnngngnn	gngcngn	acngggcngn	ggggganccc	960
anggnnnncn	ggagncaagg	nngnnncngna	ncngggggng	cnagntnggg	ngggngtngn	1020
nnngcatnag	ggnnccggcc	ggngncgggn	gcngnatcng	aacggacagg	cgcngnanna	1080
ggngggcgcn	agangngntg	gagngncacn	gcggngggna	ncngngngnc	angatggcga	1140
ggggacgggt	cgcgggngctg	acgganagag	gcngcnacgn	nngaggcggtg	aaagaantgn	1200

nggncgnggg acnnncnanga gcaanggcag gagggcncgg cgngcggnng cngngggccg 1259

<210> 4558

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4558

gatntaannt	tcaccttntg	actntntgca	ggatcccatc	gattcgaatt	cggcacgagg	60
aaagagatct	gacctaacca	actttntctt	gccttaactt	ccaaactgcc	cttagtcatt	120
gatggggcat	gggccaacnn	cnatngggan	anatctttnt	tcntcntgna	atnatactcc	180
cctttccaaa	actaaatgtc	cttgangnna	taacggaang	cctcccatng	ggtgnacaac	240
cgggncggna	antgggctcn	cnctgtggca	tagcanaang	ntccccggnc	gtngtggtgn	300
acgntcnann	tatccgcnan	actcgccatt	gcnctagecn	cnncnacttt	ctttttatnn	360
nctaacattn	tccttncggg	aangcggttt	tnccggcntt	aagctnttaa	ggatggangg	420
ggttnggttt	ccgnnctnna	cnctataaaa	ctctnttaac	tncaacaeng	tnncccgtn	480
ggacccccctc	ccantaaagn	ggggactgnt	tcacagnan	ggaccntttt	tttncncncn	540
ncctaatanga	ttttcncccc	accttaatac	agttaggaac	cccttttctt	tattccatac	600
aagaactttt	ttttaaaaaa	acttggganc	ctcttatcta	cgcttgggn	gggtcacatc	660
ttgtnaatcc	ccaacatttn	ggggaggcta	nngncgggaa	atatncctta	agcttcaaga	720
gttcaagacc	agcctgggga	aacacttgga	aaccgcttct	ntcnctttac	aatttcctga	780
tgccgggatt	tttcttttng	cccttctt				807

<210> 4559

<211> 1070

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1070)

<223> n = A,T,C or G

<400> 4559

tatctatcnt	cnncatacaa	gctacttgca	ngatccctcn	attcgttgaa	actgaaagcc	60
aacttgaaaa	tggagggtatg	gcttataatt	cagctgtgct	gaactgtaag	tgattaaata	120
ctgtttcatc	acataatac	atatataac	ttatgtgggt	atataggtec	tgggtctcatt	180
gacttaagga	ttttaagtgg	tgggtattgc	catatnctgt	gggggggaaa	gctnagaacc	240
tcaatannct	taatnaaata	ggtggctatc	atcngttcat	tttaactcaag	cccagaaaaca	300
ccaaagaagt	caccctcaat	ttcttccgc	anccccacaa	tttfaatcta	atcggccatt	360
ttctttaaca	nggttcccat	ttttcccaaa	aaatatnaac	caatggagggt	cccatcctaa	420
tttntctgggn	ttcttaacaa	gtccantcaa	ccccntaagg	cnttaaagnc	caccttacct	480
ttcaagttag	gccccctctn	cccaatttaa	gggcctttta	gtttcaactt	tcccaagccc	540
cccttccctt	tcnaagtng	gttggnantt	cnacnaccaa	gatncccttg	gccaaggggt	600
aagggtccaa	ttttangaaa	aaaccaatta	nacctttnaa	gggccccctt	gggtccaaat	660
ttggccttct	tggcntttna	aaaaaaattt	ttgggtgggg	gngggggcnt	tttcccccaa	720
ttccaattgg	ccctttaang	aaaaatnaaa	aaaaatccct	nggccttttt	tcnntanttt	780
attttttaaa	aaaanccaat	tgggggcttt	tttgggggng	ggcctttttt	aaccaaccaa	840
aanttttttaa	agttcccttc	cccatttaat	tccctctntt	ttttcnttaa	gccccctggn	900
attccttgga	aaaggggcca	ccccatttcc	ccaaagggtt	tttantngtn	ggaacaaaaa	960
aaaccaagcc	aggtnggaaa	accattgggg	gggggggttt	anttgnaaaa	ccnccctacc	1020

cgggagggggg aaaanccccc aaaaaccccc ccnntttttt tttngggccc

1070

<210> 4560

<211> 1321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1321)

<223> n = A,T,C or G

<400> 4560

acgnaccttc	ancttccgnc	ttttgcagga	tccctcgatt	cgaattcggc	acgagctaata	60
gcactgcaca	gcatttgcac	tttgcagatg	agtatcatct	gggaaaatct	gtctcaagat	120
ctggccctcc	cacggganta	tggttgaagt	aaccaagcct	tgcccttaga	ngatgcaacc	180
aaaatatatt	tgggtggatg	gggtgggtgg	aaaaaattct	tgccaaaaaa	gaaaggggtg	240
atccctggga	aaccaattat	ttcttctttc	aagggggaaa	gggaagcctt	ggcctgggtg	300
ttttttnggg	aaatgggtga	aaaagaacca	aaaaacctta	tttgaaaagc	cattgggttg	360
aatggaaaaa	ggtttcctta	ggaaaaaaaa	cccattggaa	aaantttcca	agccccccct	420
tanttgaaaa	aattccgcca	nccttggggg	taccancctt	tggggggaaa	aaaaattgga	480
aaaagaaaaa	ccttttnaaa	cccttanccc	atttaaaaaa	aaaaatttag	gnaanggggg	540
gaanccaagg	ttnccaaaaa	aaaaccnttt	tccaaccaa	gggggggggg	ggggaaaaaa	600
aattcccaaa	aggtttttna	aaaaaatttt	nccaaanaaa	ggcccttttg	gggaantttt	660
ttaaaggaaa	ttgggaattg	gnccccccat	tttttccttt	aaagnaaagn	aaaaaggntt	720
ttttngggcc	ttttttttcc	tttnccccna	aaattggggc	nttccttta	nttggcccc	780
ctttttttcc	tttgggttaa	aaaaaaaacc	cttggggggc	caaaantttt	tttggggggg	840
gaaaaaggcc	caattttcaa	ccnttggggg	naattaaaaa	aaatttttta	aattttgggn	900
aaaattcctt	taanttttcc	aaaggttccc	aaaatttttc	cccttgggaa	ggggccnttt	960
tttnaaaaaa	aaagnccttg	ggggggaaaa	ggaaaaaagg	gttggnaaaa	aaccttantt	1020
cnttccaatt	ggnaaaagaa	aaagntttta	nttgncccag	aaaaaaaaat	tccnggggtn	1080
ggaaaacctt	cntttttggc	cttccttaaa	agggcccncc	cccgttantt	aaaaancctt	1140
tgggagggtt	tccaaaacct	tttcccctgg	gaattnaccc	tcccctggaa	tttttcttac	1200
cctggggggg	accaagnaaa	aaaaaaaancc	ccttgggnaa	nggggncctt	ttttnccna	1260
attaaaaaac	ccgnggggtc	caaaatttcc	ccnntttttt	ttaaaaaanc	ccccccccct	1320
t						1321

<210> 4561

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1253)

<223> n = A,T,C or G

<400> 4561

ttttntacat	acttgcttnn	tacatcncag	cactttgggn	nctttttctt	ccgagtenga	60
ccgtgtgtgt	gtgtgtgtgc	gcgcgcgcgg	cgttctgann	cttcgggtctt	tgttccggac	120
ccggnctccg	ccgcagccag	cccacatgtc	ggngatcaa	agaaagcaa	aaagacgggt	180
atggctttcc	aaggccgccc	ggcttttccc	tccnccccgc	ccaaccnca	acttggnaac	240
ggcnccectt	tacccccncc	caaaccccc	ccccaaaatt	ttccccncc	nggccaacc	300
tttngggggg	ttccccccna	accccccttt	ttcccccccg	gggttaaang	ggggggggnc	360
ccgtttccag	gggggnaagg	ggnaaagggg	aaagcttaaa	aaaaaaaaag	tttggggggg	420
ggnccaaacc	gggggaaggg	ggggggaaaa	agccccaaaa	ggcaaangaa	aaaaaaggaa	480

```

aggggggcent tccnttgggt ggggttgggg gaaaaaattt tccccccccc gggggggngc      540
ccaaagattc cccenttttn ggcccccccc cgggccccaa tgcccccccc cntttttttt      600
tccccaancc cccccccggg cggggaaacn ttttttttgg gggggaaaaa ttncccttgg      660
ccggncntt tccccctttg ggggggnggg ttaccngccn ccggaccggc cccccccggn      720
ccggaaaaaa aagaaacccc ttttcccccc ggaaagncct tttcntttna aaaagggtng      780
gggggtttnc ccnggggaaa ttcnttatth aaattcccca aagggnaacc ccaaaggggg      840
gaaccaangg gnaaaaaaatt cccccccctt tttttntttt ttncccccaa aaanaaaacc      900
nttttttttt nccaaaaaac cccccggccc cttttnttcc cttttcctgg ttttaanggg      960
tnccttncgg ggaaaaccna aaaaattccg aaagnccttg aacnttcccc ccggttttcc     1020
ttggcccaaa aggttccttg ggggtaccccc ttgggggggg nttttttggt ttntttnttn     1080
ggggnaaaaac cttttccctt tttggggaaa gtngggggnc cnttttnaaa ttggaacccg     1140
ggaccttttt tccntttttg naagggnaaa aaacttggcc aaantttnt tcaaaaaaaa     1200
accnaaaaaa cttttggggg nnaaaaaaan ggggggggga aaaaaaaaaa ana             1253

```

<210> 4562

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4562

```

tataattaan ttgnannccn ttnaactctt gttctttttg caggatccca tgcattcgaa      60
ttcggcacga ggtgaccctt cctgcccttc ttgagcagct tgtganccan aagatgtgcc     120
tgagagaaaa gcctcatttg ggggaagtgcn gnattcgaag ttctttatth tgaaaatgga     180
naacaaccct tctnacaat cctgtctgcc ctccccctt tncaactaga atatcanntc     240
cnctgaacat gaagtnatnc acatttcatg gaaaactggg tgatgntnaa naaatcactt     300
ganggcaaac tttgtccttc angtgtggg tctctgaatn gtagagccng canatcctcc     360
antgtatgga ctgngcctta cttgccctt gaatgctttc tatacatnaa nacttgganc     420
tctttacaga tgacantnnc cagtngggaa gataaaagan nagaaaagac cnaaantgcy     480
ggnttgccac tcttttttgc catcaccgtg gggactgcaa angccaatgt tggngctggc     540
aaaaagccga angantaaag gtgctgnant gatgttagct gtgnccactg nggatttttc     600
caanaacatt tntanctata aanttcaaa gnaaaaaaaa aaananactc gaggcctntt     660
aaaactatat tnagtcttt tacctnatnc anacttgata anatacattg atgantttgg     720
gcaaaccac aactagaaat tttcccaana ggggggggna                               760

```

<210> 4563

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4563

```

tttttnnntt taaantttgn aaaattnntt ttttttacca ncccccttac tccnggtttc      60
cttttttttt nggccanggg naatcccccc natnccggaa ttnccggaa aattttcccg     120
gtttgggcnt nggtccggca tatataaaaa ccagngngag nccccnact atggannttn     180
tnccctngaa tataaaaaaca acaatccggg ggggggaacg gaagnagcnt ggcaattngg     240
natcgtaata aaaatacggg antcttgaag cccatttga tggtcncaan gggctgggtg     300
ggaagaacct tanttnagca agaatcccta aaanggggca canaaccttt gnaaaggana     360

```

aggangttnt	nttttncaaa	aaaaaaccca	nactttggat	gggcaaactt	tnaaataang	420
ggatgaacaa	tggncaggg	cccaccctg	ggcttaaatt	ancaaaacnt	tggcctntgn	480
aaagnccng	ttnccttgg	gggttctct	tttccttcna	tttntggaac	ccannacttg	540
atgtcnttnc	aatcgnaact	ggtttaatgg	cccnattcct	acaaccgcna	aaacttggtt	600
cctngaantg	tantctgcng	nnaaaaaaac	ncctccnnan	tgaantggcc	anaaangtan	660
tgatcataca	caaananaca	ccttnaaatt	ntaaccatga	acgcgattat	attatgnana	720
ganntcnttc	ggnnaganatt	atgtnaggga	gccagantnc	tcatgctngg	aatagngacc	780
nacaaaacnt	gntcgagggga	cttattgana	ttaatatgga	agatacanng	ttcntntacc	840
anganntggc	cacanagaac	aatcnatnga	cggaaaaatc	cggggnggggn		890

<210> 4564

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4564

tttgaaaacc	cnttttnttt	naatcctttt	ctttcaaagt	gttctngttc	tttttgcagg	60
atcccatcga	ttcgccaatg	gatgcaggna	aaactgagat	gggatttccc	cacgttgccc	120
aggctgggtc	cctgagctca	aagcaatcca	gattgctggg	attacagctg	tgagccaccg	180
tgctggctg	agatgacttt	taaaaaaaaga	cttctctaaa	gtagaaggaa	gggtggaatt	240
gtatgcacaa	gaagaaaaaa	acctggaaga	aaaacatact	aaagaggctg	gagtgcgaatg	300
gcgcgatctt	ggctcaccgc	aacctccgcc	tccggggttc	aagtgattct	cctgcctcag	360
cctcccaggt	agctgggatt	acaagcatgg	gccaccacnc	ctggctaatt	ttgtattttt	420
agtagagacg	gagtttctcc	atgttgggtca	ggctgggtctc	gaactaccga	cctcaggtga	480
tccaccacc	tcggcctccc	acagtgctgg	gattacaagc	atgagccacc	gcgcccggcc	540
tnctgttcc	agttttctat	aatctgttca	tattatatct	tggttatatg	tggttggtgt	600
gattatccat	gtgggtcttat	tttcacattc	tttgcatata	ctataatgtc	ttaatgnttt	660
aagataaagt	ttcattctac	aaagatgtat	tgtaccaata	acctgggtat	tcagggttacc	720
aatcttaaaa	aaaacttant	tcatttttnaa	aattaaaacnt	taaaatttnc	caattccatt	780
tnaacattaa	n					791

<210> 4565

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4565

ttcattttaat	cttncccttt	ggatctntnt	gcaggatccc	atcgattcgt	aattatannc	60
cctggaggtta	tgcagctaata	taaagggtcaa	acgcataact	ttaaagacgc	cttttcagga	120
agagattcaa	gtnttacgcg	ggtgccactg	gctttttatt	atggaatgta	tgcatatgct	180
ggctggtnnt	acctnaacta	tgttactgaa	gaagtagaaa	accctgaaaa	aaccattccc	240
cttgcnnat	gtatatccat	ggccattgtc	accattggct	atgtgctgac	aaatgtgggc	300
tactttacga	ccattaatgc	tgaggagctg	ctgntttcaa	atgcanntgg	cagtgcacct	360
ttctgagcgg	ctactgggaa	atttctcatt	agcagatccg	atctttgttg	ccctntcctg	420
cttgggctcc	atnaacnggg	gtgtgtgcng	ctgtctccag	gttattctat	gttgccgtct	480
ctgagagggg	naccttccan	aaatnctctc	catgattcat	gtccgcaagc	acactnctct	540

acantggtn	tgtttgcacc	ctttgacaat	gataatgctc	ttntttggga	gacctcgaca	600
gtcttttnaa	tttactcaag	gttgccaggt	ggctttttat	tgggctggca	attgctgggc	660
ttgatttatc	ttngatncaa	atgcnanat	atgcatcggt	ccctttcaaa	ggtgccccctg	720
ttcatccac	tttnttttg	ncttntttt	tttnnnnnn	t		761

<210> 4566

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4566

gntttnaaat	ttccttttnc	ttctaatect	ttgcttnac	nttggctctt	gttctttttg	60
caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttnccacgt	120
tgcccaggct	ggctcctga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgcct	ggctgagatg	acttttataa	aaagacttct	ctaaagtaga	aggaaggggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	300
caatggcgcg	atcttggctc	accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	caagcctggc	taattttgta	420
tttttagtag	agacggagtt	tctccatgtt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttactataa	tgtacttaat	660
ggttttaaga	taaagttcat	tctacaaaga	tgtatgtnca	atacctggtg	tcaggtaaca	720
atctttataa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4567

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4567

gntttnaaat	ttccttttnc	ttctaatect	ttgcttnac	nttggctctt	gttctttttg	60
caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttnccacgt	120
tgcccaggct	ggctcctga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgcct	ggctgagatg	acttttataa	aaagacttct	ctaaagtaga	aggaaggggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	300
caatggcgcg	atcttggctc	accgcaacct	ccgcctcccg	ggttcaagtg	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	caagcctggc	taattttgta	420
tttttagtag	agacggagtt	tctccatgtt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttactataa	tgtacttaat	660
ggttttaaga	taaagttcat	tctacaaaga	tgtatgtnca	atacctggtg	tcaggtaaca	720
atctttataa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4568
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4568

tttaaacctt	ctaatacctt	acaactactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggaaggacaa	aaatatggct	atctgantag	atgcagaaga	ggcatttgac	120
aaaatctaaa	atattaagta	aagaagatta	tattagtcca	ttctgacatt	actataaaga	180
actgtangag	agcagcccca	gtgcttatag	ataaaactcc	catctnccta	ggacagagca	240
cctgggggga	atgggcggct	ctgggtgcag	cttcngcaga	cttaaattgt	cctgcctgcc	300
agctcttgaa	gagagcagca	gatccccag	cacagcgctc	gagctctgct	aagggatgga	360
ctgcctcctc	aagtgggtcc	ctgaccctca	tgcctcctga	ctgggagaca	cctcccagca	420
agggttgaca	gacacctcat	acangaagag	ctccgggtgg	catctgccan	gtgcccctct	480
gggacgaact	tccanangaa	ggaacangta	gcaatctttg	ctgttctgca	gcctccgctg	540
gtgataccta	ngcaaacagg	gtctggagtg	gacctccagc	aaactagagc	agaccttcan	600
cagangggcc	tgactgttag	aaggaaaact	aatgaacaga	aaggaatagc	atcaacatca	660
acaaaaagga	tgtccaccaa	gagaccccat	cctaaggtca	cccaacatca	aagaacaaag	720
atngagaaaa	tcncggaagt	ttgaaaaggg	ggaaaagggg	ga		762

<210> 4569
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4569

ttnnnttnna	ttcccttttt	gaactcggtt	ncttgttctc	tntgcaggat	cccatcgatt	60
cgttcgagtg	caagctcccc	atctttcgaa	agtttccatg	gcaatacanc	taactgaaga	120
actaaaagcc	agtgatgtac	ttgccagggt	tctcagccaa	gaaagtgggg	ttgccagac	180
tctcaagaaa	ggagaagttt	ttttgtatga	aattggagga	aatattgggg	aacgctgcct	240
tgatgatgac	acttacatga	aggatttata	tcagcttaac	ccaaatgctg	agtgggttat	300
aaagtcaaag	ccattgtaga	agacttaaca	agctgcagat	aacctgtgg	acttctgtca	360
taattcttgc	tgagtcaaga	gtgtaaataa	aagaaatggc	aggactcata	ttattcantt	420
gtacccaagt	attttaaaaa	gactctctta	agccttaaaa	agtcatagat	ntgtgctgct	480
gccagaatta	tattaattat	tattaatggt	attattagaa	aaaaaatttc	tggagtgaga	540
agtaaaaagg	cttaattagg	ttgtgggcca	ntttcatatg	ctctggtgaa	atgtgtccca	600
natgtnacat	agtttttttt	ttaatattgt	gaaatgtctt	ctcttcccat	tcntttctcc	660
ctaaaaatcn	tatattnctg	gaaatataat	gcctcttttt	aancctctnt	taccttnnta	720
acattttacc	ccttttccca	gttanggnnt	gcttttttgn	ccaaaaagna	tanccaaatt	780
ccnnc						785

<210> 4570
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (986)
 <223> n = A,T,C or G

<400> 4570

ccgnnnntttt	tngnnnnnttt	ttgcaanttn	ttggaaaaan	cccccttttt	taccaaanan	60
cctcnccttt	gggtttgctt	tttttttngn	ccaggggnaa	tcccccccat	gccggnattt	120
accgnnaaat	ttncggggg	cccaccggaa	gggggnaaaa	tggggggccc	caaaaaagnt	180
ttnatTTaaa	attttggggg	tccntttttc	caaagnaant	tttttttttc	cnattttaatn	240
gggggggacca	aagggaaaaa	acctggcacc	cccnaccgga	aaatttttat	tnaaaaaaaa	300
tcccccatgg	gttgggggaa	aaaaagggaa	atttggaaac	ccccanaaaa	tccaaatggt	360
taacctttcc	aaanaaaaaa	atgggtaaga	aaaaactttt	attaaaaggg	aagnaannat	420
ggnggcttta	ttcttcttcg	gatggaaaac	tccantattt	ttgggtggta	nactctattt	480
aaacaatttc	ggtcataaac	acaaagacaa	accatggggg	caaaatgtgt	cctttgcttn	540
taaattctgc	cttcatttac	ttgaatgacc	tcagtgtcta	ggcagtggcc	tgtgttttag	600
acctggtgat	gacagctccc	ctcacctang	agctgagcac	cccggccatc	ttggtgacca	660
cagaaccaag	gncacaggct	tcanctggta	cgccctgggg	caggggagaa	aattgtgctt	720
gcattcccaa	gtctgtctca	cctnctgggt	aagggtctgtc	gggcctgggtc	ctgtccttgg	780
agccaccagc	atcctcagac	aaagaatcta	gacggngttg	ccaattttatt	aacagcaaat	840
aaccaattaa	aatggagact	attaaatact	ttattttccc	ncttanctna	aaaancnaaa	900
ntttcccccg	ncnanngng	gggcanacct	tanagnncca	cnaantnngg	nngcnggngg	960
gnanggnnnn	naaaaaaaat	nttctt				986

<210> 4571
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A,T,C or G

<400> 4571

ccgttnattt	cgaantttgn	aancccttta	caanactact	tgtgtgcttg	ttgtggcagg	60
gnaatcccat	acggatttcg	gggaaattca	aaaaaaccca	aagnttacct	caggaaaaatt	120
aatgggtggt	ttntcttcta	aagnggtana	aaaattggga	aggggaaacc	tgggtgggaa	180
aaaaaaaaatt	aaggaaaaag	ggnggagggg	ggggtaaaaa	tccaattttc	cnttaaaatc	240
cttaaaattt	aaccctttaa	aagccattaa	gnaatacctt	ggggttaaaa	taatcctttg	300
gggtattaat	ggnttttttt	cctggggctc	tttgggtttt	angtctggca	tgngattggt	360
tttaaccatc	cttntattag	ctctctnaat	gctgcctatg	gttatatttc	catgntcnta	420
tattntactn	ccatgtaata	tatattatnc	atattacctt	tattgaaang	gaaatgctta	480
tatattcatg	tcaangtaat	gntatcctct	nctgntatga	ttattatttg	cctnaacatn	540
ttgattgatt	tatntaacc	tgtgctanat	tgggaactac	ttctctncta	tagaccttaa	600
nannaacatn	gctttatcaa	gattttattc	agtgatattt	taaatgattc	tgctgtagg	660
cttgccagac	aaattagtgt	ccaataatct	aatgaatggt	gnaagtcatg	tnggattatg	720
aattccatta	ttttactaat	ttacttgaaa	aacatgattc	aaaanattgt	ttttgttggt	780
tgggttaaaa	aaaaaatnta	aacc				804

<210> 4572
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4572

gtgaatcctt	ttcnaatngc	ttggctactc	gctctttctg	cangatccca	tcgattcgaa	60
ttcggcacga	gggcagctag	agtcaggaaa	atgaccctca	tatgctnttn	atctttgttt	120
cagttgtctg	tcagggttga	attaagaagc	tactggttta	ttcccaattg	ttgatgcctt	180
taggtatgtt	ggaatctttt	tttttgccta	ggaggggcca	gtngaaaatc	tgtgactcaa	240
gangcagtga	acagaatact	gntttctggg	gaaaaattgg	ttggctactt	gatgttaatt	300
atggnacagt	aacaggaaaa	ggttgtgtnt	gtgtttttta	gtaatgtctt	tattctgctt	360
ttttgctgct	ataagagttt	tctgaaatth	atatttttaa	cttttcatgc	actttactgt	420
ttctagtctc	naaatgtgat	atthttnaat	aacaagaaat	tttccattat	gngaataaaa	480
ttttaaaaga	caatagccta	tatttgtgtc	tcactaatat	ataaagtata	ggtcaaattt	540
naattattta	attagtttta	aatatctcaa	tttgtctnct	ctttcaaacc	tgacatnttc	600
ngctgggttn	ttaagtccca	aaatgatgca	ttttaccttt	ngncaattt	caattgccta	660
antttcnntn	ccatangtna	aattaaannc	anggcttatt	attaangggg	aatnatthtc	720
ccccannagg	ggtaaatttt	taatgggnga	ncaaagngtn	gntggggatt	gangtcttht	780
catnccangn	ggg					793

<210> 4573
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4573

annatcnctt	ttnattnat	cagctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacgag	gtattcttct	tctactggag	aaggtaccga	aaaagaattt	gacccctctga	120
ttgcctaggg	ttttgagaca	tgagaaataa	tgtctttgat	ctggttttga	gaaattattg	180
catattttat	tttaagtgtc	tgctgcctct	gcctttcccc	ttttgctcct	caaataatata	240
aagtaagtag	cctgcctaca	ggaggactgt	taaaaatcat	atcactagat	taaaatagaat	300
taaaaaagan	acaggaagat	tgaagatgta	gnttaataata	tgtatcatta	ataatagaat	360
aaatacaaga	acataatggg	tgagaaattt	atthtctaat	aaaaatttct	gagactagac	420
ctthtcaacat	ttagttatac	atactthtaat	aaaaatctat	catagtaaat	ttataatttt	480
tggttgagta	tgtgaataat	ccttctgcgc	attattggcc	tgtataaat	ctthtcaatga	540
attgtgggtt	ggagttaaat	tcatattgtg	ctgaattttac	aaaatttaac	agtttgctnt	600
aaacgtttta	aaaattntct	aacttagcac	caaatcccc	catacctttg	tgtgtgtgtg	660
tgtgtgtgtg	tgtgtgtatg	cctgtggana	aaaagtceng	agatcttatt	tctcatttaa	720
aaaangttag	caaaaaaaaa	aaattthttt	ttthtnc			756

<210> 4574
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4574

atatnctntna	taancctttc	aactacttgt	tctttttgca	ggatcccatc	gattcgcaag	60
agcaaggggtg	gagggggaca	gattgtntng	tccnttaa	gtgtgttgac	acacatgggc	120
ttcgggttag	ctggcctgac	atggagatag	antgccaatg	ttcccaagcc	cacagaatta	180
tggaggcctc	accncagta	ttcacagctc	tcaactggcc	tttnanaatg	gaaacctttt	240
ctgccttgga	tatggcgctt	cttctgggag	aggagcanag	ccacagagag	gtaggaagtt	300
gaggcatagc	aaaggggaang	cttcaganct	taagcccngn	tcattctcata	tgtgttttct	360
angcctgnng	ctgaaangaa	gaggagtggg	gcancctggg	acggnaactg	cctctntggg	420
ctccccactc	ccatggaggg	gctncataan	ctttgctcct	gggctgnatc	ttganaagng	480
ggcanggtct	tcccaccant	ggcanggtgt	gcagttgtgg	tcccaagcct	tggagggaat	540
ggggaatggg	ctggcaccct	gctcaaggaa	agcanaagca	cacangtgcc	ccaacagggg	600
ancttcattg	cccccaatan	ttttaaaaaa	ngcaacccat	cacttaaggc	ttgggtgccc	660
ttttcggnaa	aaactacca	acttgggaanc	ccctcccggc	tttaangccc	aacnaatttt	720
nccttggggg	acnttccctt	gggaccccc	aagggnnttc	ctttaaccag	gccaaaaaaa	780
aaaaaaaaaa	nccncccc	n				801

<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4575

cnttnttcna	nttatecttc	aactcttgtt	ctttttgcag	gatcccatcg	attcgagag	60
gctgaggttg	gaggatctct	tgagcccagg	aggttgaggc	tgcaatgagt	tgtgattgca	120
ccagngtact	ctancctaga	cancagagga	ataacctgt	tcncacgata	angannttca	180
tcanttanmn	ntnataanaa	ttctntcagt	gncnngaang	nngacacngg	anctccctna	240
ncangangga	catnncnca	nggccatntt	acgnntcang	tgccatacat	aaagnnatg	300
ntggnttgag	nttacnacca	cactacngaa	anatttgcna	nnanncttat	gnnnnatnct	360
ttaatntnt	ccatgtnttg	cttccacgca	ttcagncnat	ngtgtgggtc	tnttaaagt	420
ctgncnatt	tcttactcaa	anggattacn	ctanatncaa	caattntttg	aaatggggng	480
cttaategat	tttaattgnga	ggnnattttt	cctnatggtc	ttggangggc	acctggnttc	540
cttaaagtgg	ccttttgatn	nttttaaatt	ccaaanttag	gcccnttttt	aaaataaggt	600
cccaatggna	aaaaantttc	cttnnaactt	ttaaagcttn	nccttaattt	ttcttaaagc	660
ccccctnaat	ttnttcaccc	cngaagggga	anggnaaaat	ttggggnnng	cccatttttt	720
attnnngggg	aaacctggcc	aagngggatt	taanatcggg	ggggaatccc	ccnctttttt	780
gggacctggg	agccaatttt	ggcntttaac	cnaaggtntt	tatccgcccc	acttttctcc	840
aaaaanmtta	ccccccacca	ngtnttccca	aancctgggg	gttttttttt	tntnn	895

<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

tatcnnttat	tctntaacec	ttgtttcttt	tgcaggatcc	ctcgattcgn	tnatgtatna	60
actantcnna	tatgtttnt	ancatnctta	ntatccttgc	nngcattatg	nggattcagg	120
gtcaactnt	cagactgnga	gcctgagagt	tnntctctaa	gaggctccac	acctttnttg	180

tctnttagat	cgnggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacaccgtg	ttgncttggt	catncacagn	nnatncagcg	antaccaaca	300
tccacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtccttc	gcttanagga	tgacacgcca	agtttaacga	420
cgcagttcct	ctggaaaagat	gacntgtgaa	taacagaccn	caagggttgc	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatata	atnttngagn	540
ggnncctgtg	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtgc	tggntgctta	600
attcttctgc	attnaaatgt	cctgaccatc	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	ntttttaaac	tcaatgggng	tttnncnaa	719

<210> 4577

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4577

gagcccagaa	tgaacatgcg	gnccccccaa	gttatcntgt	gatcccaggg	tttcaagata	60
gacttttgag	tttttcacag	tctgtcttan	ctcagcanga	taacttgga	cttcagaaac	120
agttggatct	acaaagagaa	gttctgcatt	atagccagaa	agcccaggaa	aaattgcttg	180
tacagagaca	aacagcattg	cagcagcaga	tacagaaaca	tgaagagact	ttgaaggatt	240
tctttaaaga	cagtcagata	agtaagccca	cagttgaaaa	tgatttaaaa	accanaaga	300
tggggcagct	canagactgg	tttcctaata	cacaagacct	agcnggaaat	gatcaagaaa	360
atattaggca	tgcanaatagg	aacaactctg	atgataatca	ttnggnttca	gaagatacta	420
gtgccangct	aagttggtga	gcatctggga	gaaagatctg	gggagaagat	cctncaaagc	480
cacctgtagc	aaaagtcaaa	tgtggttttg	accttaaaac	ccngcattga	acttaagtgc	540
ttttccaagg	aagttanaag	ttncacagcan	attnggcagg	aactttctat	accttaggtt	600
aaaccagggg	tattttnttg	aagaacnnag	tcccccttgn	naagtcttca	attatatccc	660
cagtaaccaa	nggtttnttt	tngngaaccc	cantggcccc	ttgatcccgn	ttcaaantgg	720
cttttc						726

<210> 4578

<211> 1071

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1071)

<223> n = A,T,C or G

<400> 4578

tttttnaaan	aattncccaa	tnnttttttg	tnaaaatttt	tcnccnaan	ttttccaagn	60
aacccttaac	cttttggtt	tttgctttt	ttttttgggn	cnaagggggn	aatccccccc	120
aattccccgg	aatttttccc	ggccttctc	tgggtttggg	gggnaaggna	atttgggggg	180
gggnaagggg	gggggggggg	cccccttaat	gggcennntt	tcaaattggg	cccttttttn	240
ctttgggtta	aagnttgggc	caaaaaaac	cccccccttt	aaaaaccccc	attgggttgg	300
cccccaagcc	caaccttaaa	gcctttaagg	tngggaagga	atccttaaac	aaaggaatcc	360
aatccgggcc	cttccggccc	cttcaatttt	aaagtcaaaa	anggcnttca	aacctttctt	420
ggctttccac	aaangtcaat	cttttttttg	ttcacttctt	ctggtnaaaa	taaatcaaac	480
tcacgccttc	aaagttcttg	ttgtgggaag	tttgaggggtg	acaaatattt	caacaagaaa	540
tttgatgccc	atatgggaaa	atcccaagct	agctttttgt	ancaagttnc	aaaaatcaaa	600

tattttcaaaa	cagaatgaga	agcttactat	cgtggtgga	agtacaaggc	tttgggtgta	660
aacaatcctg	agatggaatt	tcatctcttc	ctaaattaga	agctgcanaa	gacctagtca	720
aagtctgaac	ccttatgagc	tttcgtttcc	tcagctgtaa	gtggaactaa	taacactgaa	780
tttgatgaag	ttggttatga	aggattaaat	tggacaaaat	gggaagtgtg	tagcatctat	840
ggcacataga	tgtaaaatta	aataaagaat	gggacanggt	gctattnaaa	aatatttacc	900
ttggcccggg	gtggcaatgg	gcntcatgcc	tgtaaatccc	aaaccagttt	tggggaangg	960
cccaaaggcn	gggtgggaat	caacnttgag	gggcccgaag	naagttcaaa	gaaccagctt	1020
tgggnccacc	cattgggntg	gaaaaccttc	aaaattcccc	ttttcccctt	n	1071

<210> 4579

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1052)

<223> n = A,T,C or G

<400> 4579

tnttcatcag	ctcttgTTTT	atgcggaccc	tcgattcgaa	ttcggcacga	ggctttatgt	60
atcattaaat	ttttctcata	gttcagaaaa	aatgtgccaa	agggaaaacta	ttggctcctc	120
cttcaaaaac	agtcttaatt	aactttcatt	atttanccgg	attaaaacta	nccagaagca	180
gggntcangg	ggaaaattaa	aatggatatn	ggacccctaa	attgtatcat	tctgagttga	240
ttgngtgggt	tattcattct	ggaaacatgt	tgatacttac	agtcaaccac	tgntttttga	300
taagtgatat	tgattaaggt	tgaatcttct	ttgtaaataa	gtatttacc	agttagcaaa	360
agtctgtgtt	ttcaagaatt	accagtgagc	accaagaggg	tgttcattaa	aaatggggga	420
aattgaagtn	cccacttccg	gnnaagaaag	ttggctttaa	aaccttggac	cacttggttt	480
ggaacaattt	ttgggggcct	tgggaatnaa	aaaacccccc	tggttggggg	gggggggggt	540
ccttggttgg	ccttgntggc	canttttggc	caagggnaat	tggggttгна	aagnccaaan	600
cccggttnc	ccnttctnt	cnaattggtt	ggnaaccaa	cccccccaac	caaagggttt	660
antttgcccc	ccggggaaat	gggttttggc	cccccaagg	attgnccccc	cccctttaaa	720
ggggggggna	accaaagaaa	agttccaaaa	accccccccc	cnaaaccttg	gaaaggggaa	780
ccccacctt	gggttncccn	ttaaccaagg	naaagntcca	aggggaaaaa	aataatttgg	840
gtaanggggg	aaggaaaaaa	aaaaaantta	aaccaaaccc	aacccaaagg	ggcccttggt	900
gggttaaatg	ggtttaaaat	taggnatgga	naaattantt	gggaaatant	ggtattantt	960
naaatgggtt	taaaaaaatt	ggtacccttt	gaatcaaaa	gtaccttttt	ttattaaaac	1020
nttggncctt	ttttttanng	gnaaannttt	tt			1052

<210> 4580

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4580

ttaatanatc	cttgatttgg	cngatccatc	gattcggggc	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaattggaga	ggcaaacccc	tgtttggtgc	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgaggga	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataaccatt	cagggttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgatagg	gtttgcactc	300
atcttggtct	tgtaccatt	gcaaatgcag	gagatttttg	tggttattac	tgccttgcc	360

```

atgggtcaca ctatgatgca tctggcagga tcagattggg tcttgcctct ctcaaccttg 420
aagtccccac gtatgagttc accagtgcgc atatggtgat tgttggttaa gagacttgga 480
ctcaagtent aggcctcttt cagtctttat gtcacctnag gagacttatt tgagangaac 540
cttctgtact tgaagttgat ttganatatg taagaattga tgatgtattt gcaancatta 600
atgtgaataa attgaattta atggntgaat actttcaggc attcacttaa taaagacact 660
ggtaaccac tgntatgctc aatcataccc nctaaaagggt acaaattggcc tttttaccta 720
atnctaattn aaaaattncc ngactggngg taaaaaaaaa a 761

```

<210> 4581

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4581

```

nttnnnnant acnatnnan gcctntgtac tgcgangatc ccatcgattc gaattcggca 60
cgaggnaaag ccatctttgc attgatectc atccgccttt ttgctcgccg cagccgcctn 120
cgcgcgcgc cttctnccgc gccgcggact ccggcagctt tatcgccaga gtccctgaac 180
tctcgctttc tttttaatcc cctgcacgg atcacccggc tgccccacca tgcagacgc 240
agccgtagac accagctccg aatcaccac caangactta aaggagaana aggaagtgtg 300
ggaagaggca gaaaatggaa nagacgcccc tgctaaccgg aatgctaatt aggaaaatgg 360
ggagcaggac gctgacaatn acgtagacga agaanaaggaa ganggtgggg angaaganga 420
ggaggaanaa gaaggtgatg gtgaggaaga ggatggagat gaagatgatg aagctgagnc 480
agctaccggc aagccggcng ctgaagatga tgaggatgac gatgtcgata ccaataanca 540
gacnaccgac naggatgact agacagcntn naacgaaaag ntaactaaa aaaaaagcc 600
gcttnacctt tncacctncc actgcctgtc canaatctaa accttggnc cctttnaata 660
anaaaaggcc cgcgcggnca acngtggggc antgccaccc cgaagatgan acncgctttt 720
caacacccaa cccaaacctt gaggaatttg gaacaagggg atggaaaaaa gaaccnnnt 780

```

<210> 4582

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4582

```

aanaatcctn cctcccgttt nnattentat acaagctact tgttcttttt gcaggatccc 60
atcgattcga attcggcacg aggccttgag ggaattanac agattttctg ttttgaatag 120
ccaacacatg tttgaagtac tagctgccat gaatcaccca tctcttatac tcttggatga 180
atgcagtaag gnggtcctag ataatatcca tgggtgtcct ttaagaataa tgatcaacat 240
attgcagtcc tgcaaagacc tccagtacca taatttggat ctcttcaagg gacttgcaga 300
ttatgtggct gcaactttcg acatctggaa gttcagaaaa gttcttttta tcttcatttt 360
atttgaaaac cttggctttc gacctgttgg tttaatggac ctgtttatga agagaatagt 420
agaggatcct gaatccctaa acatgaaaaa cattctatct attcttcata ctactcttc 480
tctcaatcat gtctacaaat gccagaacaa agaacagttc gtggaagtta tggctagtgc 540
tctgactggg tatcttcaca ctatttcttc tgaaaactta ttggatgcag tatattcatt 600
ttgcttgatg aattactttc cctggctnct tttaatcagc ttctgcaaaa agacatcatc 660
agtgcagctg tgacatcaga tgacatgaag aatgcttnca agctgcactc tttggatact 720

```

gtctaaaact tgatgatacc ttggggnncc cctttt

756

<210> 4583

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 4583

```

cttntttacat ctctctcggt ttatttcgata ccnctacttg ttcttttttg aggatcccat      60
cgatttcgaat tcggcacgag gagaacctaa caaatgaatg tgggtgggtaa ggaagagaaa      120
gaagtnnaga tgaaatttcc actctgctgg ggaaactagg tagatagatg atcatgaaga      180
atctgaggaa gagcagaagt cgtacaggta agaatgaatg cattcattaa tttattcagc      240
aaaactgcct gaagaatacc atgtgcagca ctgctgggaca aaacagggct tgcattccca      300
ggctgtntct ttgtgaggac aacangaagg aagttgagaa acacacaaga acaatgctaa      360
gatggggaaa ctccatacgc tgcgggagca catacagaca aagtccagggt agggctcccg      420
gagaaagtga cttttctagt gattcttcaa gtatgagata gtcattccacg caaagagatg      480
gtagaaaagt gttttaagca aaacaacaaa atgtgcatag gctcagaggc ctatctgatt      540
ttctatggca ngctgggctt tcatcggcag anaggatggg cttantgaan gaagctttgt      600
tggttttgtt ttctgttcgt ttgtttaaat ggtcatacaa agtttttatt ggctaccttg      660
cttcaagaaa aactgggcca atgatgaggt gatcatttct attaatagtt tcattacngt      720
cctgtgtcat tgggggttaac ccaaaaaaat t                                     751

```

<210> 4584

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4584

```

aggancnntn aactcctgcc agtanagaan acaagctact ngnncttttt gcangatccc      60
atcgattcga attcggcacg aggtttngcc ttgtnggcca gactagtttt gaattcctag      120
cttcaagtga tccacctgcc tcgacctnac catcctagat tgtaaacctt gaaattttct      180
agagctgnct cccagtgaac ttaacttact gngtggatct gccttgctgc cctnactttt      240
catantctca ccccgncctc accacttctt tgncttcnnn tgnactggct tgtgtttaca      300
acatnggatt aacagctgna aggtcagcaa tgaattccca aatangcatt cagcacctat      360
tttcagccct tcttaatttt tctgngacat tcgtaccttt ntaaagntct tttcttgnt      420
ctgatgacct gagatatctt gatttttcta cctcattggg atcctcaact ttcttctct      480
ggctttgcca tnttgntcct ntctcctcgt attcattggg ggncctcatct gccctctggg      540
aaagttcaac ananggtntc natacctact ccgcnntnc aangggccgc ctaatgaata      600
taaagtctcc anggcaccaa ancacaattc ntttacaatg caatccannc ctttctcctg      660
acttttcttg gcaattntac taacctaaact cntgggttggc ttcnaaaact ggntnaaaat      720
ggaanctacc tgctaccca aantggggaa agggccc                                     757

```

<210> 4585

<211> 825

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (825)
 <223> n = A,T,C or G

<400> 4585

ttatccnnta	ccnaannaac	ccttgcaaan	ccgcgncncg	ncggagacnc	tagaggacnc	60
ccngntaccn	anttnaatgg	gcacnatagg	ganccttttna	ccgatgangt	gggcgcgggt	120
ntacaccena	tntactgtga	ntatatngnn	ttgtnnncng	gnggcacac	agcattctnn	180
tcnactat	cggggccaaa	ntgagacgtg	gaactgannc	cctcttacta	caacacaact	240
tnnatccacn	ncatcnangt	cnntngccan	agnngagggn	gcatgaaaca	ctnatcnan	300
gattnnnat	atganaccac	gcggtaangt	ttctgnggct	nngacnnnac	aggcnctcnt	360
tcaagtgtt	ncaccagcag	tngaagnng	gtgncccgcc	tnctccgggn	nggtgacnan	420
tcnncaatn	ngnacacggg	ttncctgtnn	ntacnaganc	actnacttca	tgccagaacc	480
ngcatnnang	nnntnatgnc	gactctgtnc	cttggttcacn	atgtactaan	ggcttntttt	540
acttgctggn	gncncgtggg	aacaatagtc	ttnantntag	gggataccnt	tngtgnaaat	600
ancanccnat	cccananntg	aancntaacn	tntccggggc	ttnanmccan	tccgggttaa	660
tnagcggaat	ttgntggng	cactntnncc	ccncacctag	ttncacagag	ganctacccg	720
gggnttannc	ccaggccttt	cccagggctg	aattncnaag	gggggcttnt	ggtaanncna	780
agggagggtt	tccaaaactt	cgatnngggg	ggngnnaacc	ccccn		825

<210> 4586
 <211> 1546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1546)
 <223> n = A,T,C or G

<400> 4586

ttttnggggg	naatncanac	ggngggganaa	cancctcttt	ttttgggggg	anaaaanccc	60
ccgcgnnatn	tntagcgnc	gcancnnc	agtannggg	nngagcacat	nnatncgagg	120
gagngnnntt	gantntnnn	cnctacgnag	ntacntnagn	acagngcacn	ntnagntttg	180
tgnnnccgnt	tttttttatg	ncataagccn	nccgcngana	tacaatntgg	cgagagcgnn	240
naggtgcggc	ggnnnanagt	gnccagnann	aggcgcnngg	gngcancagn	cgcnagnanc	300
gcccannenc	cnctannag	nganancgna	tcggnnccgn	nagaggcant	ngtcannccgn	360
cgcgagnnnn	agnnnnnnnt	nnncgangcc	gacgaanana	gnnaggngnc	cnncnnnnag	420
ngnngnagnc	anaaaannan	tnncncaaaa	naggnagnna	gagnttgna	tanntgcgc	480
cnngtganta	nccnaagnnc	naentccncg	gnncccggnn	ngancaggcn	ncagaaggng	540
ccnanncnt	nnataanana	ctncnnnnct	nacanaaggn	acnnnnncng	cacnntgnga	600
gaagangccn	cnngnaggna	caccgggann	gnnnananaa	agnccgggag	canccaacng	660
nantncaent	cgncncgag	natganngn	nnncgcnnat	ntcncnnncn	aacagcnntn	720
ncngactgaa	ngtgcngna	gccgataatn	gaacngcnnc	ntactgcnag	ccgantgnnc	780
ccgcgatnn	cgctanatnc	gtntnnangc	gnntcagngc	gcnnnctcgn	ncgnactnnc	840
catcacgcgc	ntacantnat	naccgcgang	cgcnangcg	ccangnnng	canacacgac	900
ancgnngtnc	acncgcgnnn	gcgangganc	cgncncgatn	ganacgagag	ctacangagt	960
atagcgacgt	catancgnga	gnganatgac	gantgactnt	agnccgnacn	ncnnnnngnc	1020
tncgacncga	cactntgagn	catcctngan	nncggnagcg	antcntcgtg	anacanacgc	1080
gcnantncnc	acnggagann	aganggcang	cacgcnatcg	ncgcagctac	gancgnngat	1140
gagnnntngg	angcgacgc	cgcntgcagc	gcangngacg	gncntgntgn	gcgtngtgcn	1200
cnantangaa	ncncagcggt	anancgngat	gaaggannta	tagacagnac	cnactggcga	1260
cnaagcaaag	cangatagac	tgtgacgc	gacagacgg	ngagggtng	atcgnnacac	1320
gcacgcgcgg	ccacanacgt	acnnnantag	catcagann	nacagaacnc	gacagannac	1380
agacanactt	gcatngngng	acgananaat	antcncncca	cgcacaganc	agacgagtac	1440

gcatgagcgt ngngcnnngtg annnananat gnagaggcan acnnagntnt nnanaancgc 1500
 tgnannnta cncagcgnnn gcagannngn cgcncacngn ngcnnt 1546

<210> 4587
 <211> 1003
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1003)
 <223> n = A,T,C or G

<400> 4587
 tttttttgaa accttttnnn ntngaatacc nanacaaact ctgnntgtct nngcgggatc 60
 ccntcaagtc cnatnecgcn cgagcncanc tttntnnann tgcgcgtct gagcccatga 120
 gncacgacnn cnttcnccgg cgctgnatt gncatntctc ccaaatacgt ggctnnccn 180
 cantnngaatt natecgnatt tttagtgcc gannattggc nataatgtnc nccntgagan 240
 aaannctnct gncatgngaa accatcttna tacttgncgt nncnaaatnc attgtgannt 300
 ntgaagggga acgggcncn nnaaagngat gaatttcnna taacttnacn ggttnatnan 360
 gaatgatttt gcncacanc ggaaaatcac cccactnntt tgnttcaaga ntggggccct 420
 aacggggagg gtantagagg caaacntct ttgogggctn tntatttcc tttnttcaaa 480
 caccaatntt tgntgaanaa taacagtgtt ttnaattnaa ttaccaccgc ntncantgng 540
 attntttgnc ccattncaaa ggntgggtca attcccctaa aanaattggg aaanantaa 600
 tttncattt cntttttccn ttnaaangaa acctnccnt gnanttaaaa aanattctn 660
 tntnntccn caaatTTTT nnttttnaaa ccctnancg gctaaccagg nccgnttttc 720
 ggtgnccctn tttattgttg gccanntaaa nccccnttt aaaaaaattg gccttnaaaa 780
 aatccttacc atttttnna ancctaaaaa nggattaaac tttcaaancc gtnaantaaa 840
 tttnnggggg tttcatntnc tttgaactcc ccctgcntcc cntanaattn gaattgncac 900
 attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnctttt 960
 ttcancnaat nanntnatat tgccattttg ngggccccc cnt 1003

<210> 4588
 <211> 997
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(997)
 <223> n = A,T,C or G

<400> 4588
 tagannctc tnetcttgaa gccntccca ncnactcgaa ttcggcacga gcaaaaaaaaa 60
 ggcttttccc tgatttccag aatgtactgg gtgggtgtcca tctggtcttg ggatggtgta 120
 agcataagga tttattgaat gaaagtatga aagtgtggtt tttatttgaa agtcaaatat 180
 ttggcagntg gtgttcattt attctataaa ctttcaaaac agatgacaag ttttaaggaa 240
 atggggggccc taataccaaa tttggttgaa ttaaataaaa tcccaagat tcttttctaa 300
 ctttttctt ttttaaaaga caggggtctc acttctggtt gccccaggct gggaagtccc 360
 aatgggtgcc aatccttggg caagactttg ccctgctaag ttttccctta aggctaaatg 420
 gttaaattaa gtggggtttt tgtggaaatt tcntaagaag ccccatTTaa agaagggtaa 480
 gttttttttg ggaattaaac ctggtttttt ccattcttac cttaaatgga agcctggacc 540
 tggtaagttt cnattccac cttaaatgga aacctggnaa cctgggtttt tccaatcccc 600
 tccttttaat ggaanccctg gaacctgggt aaattggggg gaaaaaaaaat ggggtgggtg 660
 gtnggtncaa aaaaaaagg tttttaangg naatttgggg aaaagaaaaa attttccggg 720
 ccttgggtggc cntttttccc caagggttaa accttaaaaa aacccaaaaa gaaaacctgg 780

gttnggnccc	tttggggtgg	ccccctttgg	ntttngggaa	aattccctttt	tcccaagaaa	840
tccantggaa	tncaagnaag	aaaaaaaaatn	ggggtggcnt	accaccttcc	aacaattttt	900
taaaaaaaaa	tggaccacnt	ggaccncccc	ctggaccatt	aaaccttccc	tttaaaattt	960
ancctaattng	ggggaaaaat	ttttttcccc	ccttngg			997

<210> 4589

<211> 945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (945)

<223> n = A,T,C or G

<400> 4589

ttcnatanca	aagccttaac	ctcnggtttt	tttnttnaaa	aggcccccg	taatcccccc	60
aattcgggaa	tttttcgggc	atancnacct	tgcgttgang	gnganagcna	agtcgggttt	120
nggtngggna	ccnntgcatg	gnntagggcan	nagnntangg	caaatacatta	tccgttnnnc	180
aanttgggac	gncgcncccc	cnaaaattng	ggtttaacca	ctttngngtn	ggggcccntt	240
tccaaagggtg	gntttcccgga	agggccnctt	ttttaannng	gaannttngg	aaaaccnttt	300
tttttttnggg	ancaaanaact	tanaannngcn	cgggggcttt	ancccccntg	gtnataggcn	360
ttttggaccc	tncaagatgt	tcaacgtgan	tcntgccaaa	ggtttggnna	cttggtgcan	420
gggaaanaaaa	ttgaaccggc	caatgnggat	gccttgcaact	gaagaagnac	ntcaattgct	480
ttggagtctg	gagaaantgc	attattattn	gctacaagg	aancatnngn	atggactgnt	540
catngctgtg	nacgtntnt	nataatancn	gagccnaatg	aannacactt	ctantngttg	600
tactgnaata	ataggggttna	ngntnntagg	gcagnttggt	tcncaatcnc	cntangggat	660
cnatgggtaa	tgatgggtatc	tgnaancctg	ncatactgct	ttaannttnn	gggggaaaac	720
nggctgagta	cttgaagtgt	aatgnttcnt	tacntccagt	agcnananac	tggtatcatt	780
cagttttnt	cantagnttc	nncaagggtaa	ngnanaatgt	ttttaagnaa	aaatnnggct	840
ttttgttng	gggggnanaa	aantttcnaa	gnaactcggt	gcctacnnaa	angtgcattn	900
ttttgtggaa	aaacaanttt	ttgccccgng	aaaaancant	ttttt		945

<210> 4590

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4590

aatcatctct	accgttttgan	tgccngatcc	ctcgattcga	attcggcacg	agggccaggc	60
tggtctcgaa	cacctgacct	caggtgatcc	accctccttg	gcctcccaaa	gtgctgggat	120
tacaggcatg	agccactgtg	ccctgcctgt	aatttttatt	taatttttcc	ggtgatggca	180
tgagtgaatg	tccacattta	aagttatttt	ggttcacaca	tggcctttgt	ttattattta	240
tgagaaaaaa	ttatagaaat	aatttaaggg	tggtacagaa	atgcaaactc	agaggactta	300
aatgtacat	gaaaactcca	tttgatatga	caaataattt	acagggtcaaa	tattttaata	360
tttatatata	taatagatgc	cagttagcac	aattgacaag	ttctctttta	cagaaaaggc	420
cccaaaatgt	cttctactga	tgccagatca	gttgattatc	tagggataga	tatctgaaat	480
aagctaggcc	aatttgattt	tctcactcag	gaattatttt	attgactaat	tttattagtt	540
cattcagtca	gcaagtattt	attgaaggcc	tggtacatgt	ttggttgcta	gagatcaatg	600
atggaaaaat	tcanataaag	tttctgcttc	aaacaaagaa	attaaattgg	ctagacatgg	660
gaaaatagnt	ggccttccca	aganggggaag	gttctataca	tttagtgctg	ntaaggccta	720

taagaactnc ctctggattt tntcccccn ttgc

754

<210> 4591
 <211> 1389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1389)
 <223> n = A,T,C or G

<400> 4591

cttnncttgn	tttnngccat	cntcntccgt	gtgcgtngcc	gctgcctntn	natnccnctg	60
tgtncacaan	nctgttgtgt	ctttacactg	ctcnagtga	tcggtnccgt	ncttggatcg	120
ggnggacctc	cttgggagat	caatncccc	gtcccttcta	cactttgctt	ctgtgaggaa	180
aagaatncca	acctntccag	cccttttaag	gttcccttca	tgaccttnaa	ccctaانccc	240
cccanaaaana	aanaaccaat	ttntttcaac	ccgggaattt	ttttgaaaaa	aaattcnccg	300
ggnggtantt	tngggaaatt	ttgaacccaa	aaccngaann	gggaatttta	atntttnttt	360
tttgaaaaaa	aaaaatgggg	gttccccatt	taggggtttc	ccaaccccc	caattggggt	420
ccccctttt	ttcccttngg	ggggananaa	agggaaagg	aacnccnngg	naaagggttt	480
tggggaangg	ncccaانccc	agggganaan	gggggggggt	tnccctctan	gggnnathtt	540
cttgggncca	aaaaaccccc	ccccattggt	ncccttttgg	ggnaaaaaaa	aaggggtaaa	600
ggnggggccc	aaacnaangg	gggtttggcc	ntntntatt	nccnttccca	aaanggtttt	660
taaaaacctt	ttttccaana	aancccccct	ttcccggggc	ccnttttctt	ttttaaaagg	720
ggntttttcc	naaaaaaatt	tggaattttt	ttgnttttcc	ccttgggtcc	ccttgggggg	780
ttccccctt	tannccccgg	cacntttttg	ggcccnttng	ggggggnaac	cctttaacca	840
aggcccaaag	gncccntttt	cntttntttt	aaccaanng	gggggnnttn	ccccttaaaa	900
ancnttttna	aaaaccccc	ttggaanttn	ggngnnaaaa	aaanaacccc	ccnttnnttn	960
cctttaancc	cccccntttt	aaanccagg	tcctntnccn	ttaacctttt	nggggnccct	1020
tancctnggg	nttaaaccct	ttttcgggaa	ttccaaattg	gggnaaaaag	gtgngggggg	1080
ggcccntttg	gcccccaact	ttttgggaat	tanggnaaaa	canttttttc	gtaaaaagnaa	1140
ggcccaactt	tgccttaaat	tttttttttg	gaaaaaaaaa	gggaagggnt	ttttgggaaa	1200
attaaattgg	gnttaaaaaa	naaataacna	antttgggca	aancnngggg	gancnttttt	1260
tnaaaagtgt	ncnttttccc	cnttttnccc	ccanttccgn	aaangggaaa	gaagnaaatt	1320
tnccgggtnn	tttatttccc	canncccccc	nttttttttn	ggggggnaaa	aaaaaatntt	1380
ttttccntt						1389

<210> 4592
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (955)
 <223> n = A,T,C or G

<400> 4592

actttgatat	tattaaaaanc	ccttttncccc	gattttttcta	aatgggnccac	gggaatnccc	60
ccnattccgg	aatttnccgg	gtgggaaccc	tnggcccnag	ccnttaccn	angttgggtt	120
tttccccgga	aaaaaaatgg	gaagggggnt	tgtntgtaat	ggtgtntccc	ccaatttttg	180
gccaaagaaa	gccccagggg	gaacaaagcc	aaggttccaa	ttcccccccc	aattaaagcc	240
cccccttctt	tggaaaagg	gaaagggggg	gaangggggn	aatttgcctt	ttaaaaaaaa	300
gccaaagggc	ccaagttttt	cttgggtcca	aagttttctt	tgaaccgttg	gggcaaaagg	360
tggccaant	tggcaaaact	tttgggtgcc	cgggaangga	agtctttaaa	ggaaagtgcc	420

tggtcantaa	attcaataan	gggtccaaga	accaaacaat	cttgggaatga	aatgaaccca	480
cctggaaatg	tggtgtggct	gacccacaag	gaaggtgaat	cctcttgctt	ggggtgctta	540
tggtgtcagg	ttgcttnctt	ccacatctct	catttgctta	aagcagctac	aaaaggatcc	600
aaagactcat	gagactaaaa	atcattctga	ggacaaagag	acaaagatct	gnctgtggtc	660
acactgtgag	gcttgcttac	actgatgttc	tctatgggag	gtcactgaag	acattcagcc	720
ccacacgaga	agatcagagc	aacttggaag	ccccaaagg	agacacaccc	tttaacactt	780
gccgtgctgt	gcttggtgcc	tgctcttnaa	ggaaggaaaa	gacctatct	cctctggggt	840
ttgntggctt	gacanttgca	acttgatcat	gcctttgact	ncntcatctt	nttaacaaga	900
aggaaagaac	ttgtttttta	ttcnaaaccc	ttttnaattt	nnnggggggg	ttccc	955

<210> 4593

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4593

nnaaaacccc	ttngnngnna	cnncttttga	atnccctttg	cnactngctc	ttntgcnng	60
gatcccatcg	attcgctaac	aagcgattnt	aaaccaccta	tgagtatctc	ttntagggct	120
ttcttaanta	catgttngna	tatactgtat	nntagccana	ntaatTTtnn	atctgacag	180
gtagtngcta	aaattagaaa	aaaacaaant	agatgcttaa	agaatttgca	tccatttttg	240
agtctaaatc	ttttaaaata	tactgagatc	cacatctagt	gaaatgtcag	tgtcaaaata	300
ttatagatta	tagctaaaat	ccagattaat	actcattngg	ggttttttat	agtggaaact	360
catagtntata	caaaangcag	atngtcttcc	tgtctccgct	gctnccacag	taggtattga	420
aactggtnaa	atcagntctt	ngatagtgtg	tgtatataag	aaaanataga	tacncacatt	480
cttttttctc	agtcaacaca	ttgattgaac	actctggcaa	agatgctgng	gtggatgagg	540
ttggagttn	aaagaagaag	canagcgctg	gcctgccttg	aaagaaccga	agtctttcnc	600
attcacttct	ntagaaagct	gccaagacag	angcagaaa	aaatggatga	taggtctgct	660
aagcacactt	ctggntctct	tagaacttag	aagtgnctt	aagagaacan	aagnctaacg	720
agaaacagtt	cntngtngaa	tcaacaatct	ttnggntgga	accccnttgg	cntttttttt	780

<210> 4594

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (902)

<223> n = A,T,C or G

<400> 4594

cttttttcca	aaaaccccct	taccttggtt	tttttttaaa	tggtcccggg	antnccncca	60
ttgcgcnaatt	tnccgnaaaa	tttnccgggnc	caccggaagg	aaaattagcc	catgggaagc	120
ccggtncag	gaaaaaacca	gggnccagg	aatttccaaa	aaatccctgg	tttantcccc	180
aaagnaattg	cccaaggtn	ggtttaattg	tnacctcct	aaagcccttc	caagtttttc	240
cantccaatc	cttgggaata	ataacaatat	tggggtacct	taatccttaa	caangggggg	300
tggtggaata	acctataacc	ttaattaatg	gtattntgag	gggcattagc	naaagcattt	360
nggcacatac	tagtgcccaa	nggtgtnctc	atttgctgtg	ctacatggnt	acccctttct	420
ntccctgana	aatctcagga	tttgggcaca	ctgcactact	catntaacnt	aaaataaaca	480
naggccgncc	ngtggtcac	tctgtatcca	cacttgggat	gtgacgcgcg	atcacaagg	540
angagatcna	gacatctact	atctgngana	cngtcttct	aaaaatcaaa	aantaccggc	600

cgggtggcggc	acctgtntnn	cactctntgg	agactgaggg	angagaatgg	ngtgaacnccn	660
naggcggact	tgcagtgagc	cgagataagt	gctactgcag	tncgggnctg	ggtgaangag	720
caaagactnc	gncttcanaa	nttaaantna	gtcananccc	aaaattaagc	aaggttggac	780
ccccanttan	ttaaaaaaan	ttcccgggtt	naaaatttgg	gaaagccttt	tnccaagttc	840
ntntttaaat	ccccaattta	ntttaagcc	cccccttngg	gggttttaaa	aaanncccaa	900
ag						902

<210> 4595

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (891)

<223> n = A,T,C or G

<400> 4595

ccnntttttt	ttgnattttt	tcccannttc	ccccntttac	cttnggggtt	ttcttttttt	60
tnggccaaagg	ggtaatnccc	cccnattccg	gaatttttnc	ggcaaatttt	cggtngccaa	120
cgggaaagcg	aanttnctta	gacgtgggga	aaaaagnc	tttgncttac	cccccnann	180
tanagngggg	tnggggncca	aaccaaagtc	aangggggta	ccnactttgn	nnaacctngc	240
ctgggaatng	aaacccgggt	ttcntnggtt	ttccnattcc	ccccattttc	ccgntntttt	300
atttttnaat	cggaaaattt	gntaaaaacn	cggcgggtgg	atttaccngn	cccttttttt	360
cantcggatt	tttnnaaaaa	anaagaggag	tggcaaagga	aacccttttc	tacacataac	420
tgaangccac	cagtgtattca	gtncacagaga	ggaggggcnt	nncatannta	tattcatcna	480
tgcagcagga	ttttcngta	aaaaaatcgt	tatcaggcta	cacacatgga	ggaggctggn	540
ntcgcgatgg	gaaataccac	actngatata	cactgnatct	tgacctactc	ggccgacnng	600
catnaggat	anntgtcnc	ntntttttct	ttcctttgat	ntttncngtg	tcgnttagaa	660
caaagctcaa	tctntcatnt	angntcantg	cntngtcnca	attnagttt	aacttggtgc	720
cntgatcttn	ccaggnttaa	gcnaattttt	gggccttttag	ccctcncaaa	ttacnctttg	780
gactacacgg	cntttaaccc	agccttgccc	tgggcntgaa	ttcctgngat	ccttttnggt	840
aanaaaaaatg	gggggtttcc	aaccattttt	gggttttttt	ttnggggggg	g	891

<210> 4596

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (828)

<223> n = A,T,C or G

<400> 4596

cannnncgtc	gannannnan	nccnaannaa	anannnatna	angnnncnna	nannnncaen	60
nnntcatngt	naccttgaan	ccttcaactc	ttgcgtctcg	angnnccaag	nancgnanng	120
gaacgagcca	anntttnacg	ggcnancntg	canccacccc	aagacannna	tnggcaanng	180
ggcaanncaa	cggagtncan	nnaactnaaa	cnggntgcca	nagataccgg	cntntgcca	240
agaantnngc	tgngcaattg	atganaaant	atgagnagcc	cncctcgatc	ggganggcna	300
cangggccgn	aannngnctn	acnctgngca	gngcatnatg	agcggcaaaa	ngngnagctt	360
gaanncanna	tananngata	ctcnagcngg	angccgggag	tgaannacnc	nanngctata	420
taacctaacn	ttnaacnaga	tgggncaaca	atgccnanaa	cagggncacn	ntangaaang	480
ttggggacgc	ccccatccgg	gaccangaca	catgagntac	tncntcaang	acanagatca	540
acacangggg	gaanacanca	cacactgcnn	taacngaagc	atgaanggaa	atgtggcctt	600
tcacnaaaag	cgnacaangg	attgctagat	tgaanacaac	cttaaccctn	ctntagcact	660

tggcgattnn	nntntacggg	aaanggnncg	caaangaggc	tnctnntgng	aaaaaaaggn	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggnccg	ggcaccccca	780
gggttanttc	ctacaaaagt	nccgngggcc	ccccccccc	cncnncct		828

<210> 4597

<211> 1395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1395)

<223> n = A,T,C or G

<400> 4597

accccccaacc	nncgccccnn	cccccaagcn	nnacgcncng	gcgcnaangc	gnnnacgggg	60
cacgcggcng	cctntgaacg	cttggaacnc	cncctcgacg	cgcgggccng	cacnaanngn	120
ccgngcngnc	cccgncgcng	gnnnnnnang	cctttncnnc	ccnnnacnnn	ncacnccnga	180
aagcccnccc	cncgcnaacc	gagnaccnnc	ncnncnccn	nccganccnc	ncgcgcncng	240
ggncggnant	nnncngggcc	nanacnnacc	gncnnncncg	nncaccncng	accaaggcnn	300
ncnccacnag	accnnagnnn	nnncnncacc	ccnccannccn	nnncnncatac	ngcncnncatg	360
cnacccaccn	ccccanccan	cagncnnnga	cctcccaaac	gccccnctca	acgncnancn	420
ncacgcgacn	acngccgcnn	anncgctcna	nncnggccan	ccacnnacca	ncgcnncagc	480
cgncgcncag	cccggnccac	nncnagcacn	acnggctngc	accannnnnc	acctnnncgn	540
acnccaaacng	cnnctnccng	cncnncncca	ngcnncaacg	acgaccann	ncnccagagc	600
gnnaccann	cagcacgncn	gnannatcnc	gccccgcncn	ngcgcnctan	anacgcgcgc	660
aananaggcn	ncnccnnnca	caancngcng	annangtnna	gcnnnnngnct	gnacnanaca	720
cacnnnaccca	cnnccnccat	gnncanacan	gcngcnnttc	tnatcnnnnn	ngccatntnn	780
cannaancnt	ncacccccna	gngnagnnca	aanatgnngc	ancncntcc	cgngntanan	840
cncggacnac	ncagncanca	tacngancgn	cncangggag	ncnccntccg	ancncgaan	900
gncnncann	nccgnccann	cnntnncaca	acgnacacga	cnangnnccg	agcaccncgg	960
cggccangcn	ngacggccan	ancnancagc	gcaccacnan	accacaggng	nncnnncaac	1020
gnncacaacn	nngcanaacc	annnacccct	angacannac	gggncancgg	ngncgancnn	1080
nccngcancg	ctacgancan	cgcgnantgc	gccccagacg	anacacgnac	annnnannnn	1140
gngngctccn	gacanncncc	gccacacnc	tnccgncccc	cncncccgag	agntcgnttc	1200
nccaccgcag	acgncanag	ctacctcnnc	cngnntnnnc	ccnnncccgca	cancctann	1260
nctacnangn	acgnntcgcn	naacantcgc	ancnccancc	tnccnncnacc	acnatgngat	1320
ntccgcgant	gcacanncn	nngngccnnc	tnccanntag	acaccangca	gannngtnc	1380
nnancgcngc	cnccg					1395

<210> 4598

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1053)

<223> n = A,T,C or G

<400> 4598

gtgncctccc	ntccttttca	annnnntngg	aantctcnct	cgctntntcg	tgcnnnccgcc	60
nntgtgatng	cangantact	gagatgggat	ncnncccaacg	tngccnttn	ctgggtctcct	120
gagctcaaan	cnggncagat	tggtnggatt	acagntgtga	ncctcccttc	cnngetgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnccca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	ggnatnnnat	ggnagctann	300

tnngntccnc	ngnnaccttc	ngnecccngg	nanctnntgn	nttctnnate	ctccannnet	360
ntcanntagc	ncngnnattt	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgccngnet	ctcctnnncn	480
nnnnngtncc	ctantntgtg	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tncngtctgn	tcancttcgn	tncttcannt	mntannctnt	tgnnnecgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcngnccct	720
nntgnttnta	atactcaacg	tcaccnttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nanmnatann	ttatactnga	ntnatctagc	tcgcctcaca	mntanancac	840
nntnecgancg	tnntnnnctn	ntnnatnate	tnctnnctnn	tattatctcn	atcccgneta	900
tatnnattnt	ttngnncnnc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgentncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnccctgn	ncc			1053

<210> 4599

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1053)

<223> n = A,T,C or G

<400> 4599

gtgnccctccc	ntccttttca	annnnntngg	aantctcnct	cgtntntctg	tgcnncgccc	60
nntgtgatng	cangantact	gagatgggat	ncnnccacg	tngccnttn	ctggctcct	120
gagctcaaan	cnngncagat	tgtnnggatt	acagntgtga	ncctccctc	cnngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantnceca	240
nnangacnaa	aacnggggtg	aaaaaccatc	ntaaaaggct	gnnatnnnat	ggagctann	300
tnngntccnc	ngnnaccttc	ngnecccngg	nanctnntgn	nttctnnate	ctccannnet	360
ntcanntagc	ncngnnattt	tnancattnt	tccaccnntc	gctngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgccngnet	ctcctnnncn	480
nnnnngtncc	ctantntgtg	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tncngtctgn	tcancttcgn	tncttcannt	mntannctnt	tgnnnecgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttatcgatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcngnccct	720
nntgnttnta	atactcaacg	tcaccnttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nanmnatann	ttatactnga	ntnatctagc	tcgcctcaca	mntanancac	840
nntnecgancg	tnntnnnctn	ntnnatnate	tnctnnctnn	tattatctcn	atcccgneta	900
tatnnattnt	ttngnncnnc	ttcatacnct	cnanactctc	atnacnnctn	ctcncttcna	960
atgentncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagnccctgn	ncc			1053

<210> 4600

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1020)

<223> n = A,T,C or G

<400> 4600

tnntaatcctt	cttntctattn	nttnggaatc	nnantngctc	tatngcgctt	gggcenatgg	60
-------------	-------------	------------	------------	------------	------------	----

atgccggana	actnnnatgg	gatttttccn	acgttgccna	ttctggncnc	ctgagctcaa	120
agcaangcng	gattgctnng	attacagctg	tgagccancg	ngcctggctg	anatgacttt	180
tanaaaaaaga	ctnctntaaa	gtagaangaa	nggtggaatt	gtatgcacaa	naagaaaaaa	240
acctgnaaga	aaaacatact	aaagaggctg	gantgcaatg	gcncgatctt	ggcncaccga	300
aacctcngtc	tcengggctn	aagtgattnt	cctgccnnag	netcccaggt	angctgggat	360
tcaacnnatg	nnccaccann	ccnggtnat	tntgaatngn	tantntcnga	cctgttccctc	420
tccatagant	ggntcncgga	anntctncca	tnttcnntga	nctacangnn	ntnncnannc	480
tantanntnn	ntcncctctan	tnnngntact	ntnnanntna	tcatnttnaa	ntggntctct	540
atctcnantt	cactaatngn	cctngnacna	tnattancgn	naccnnctat	aaaatacaca	600
tncntgnttc	nnntnanata	caatnacatc	cntngtgagn	cactnactna	nacngtgatc	660
tctcgcantn	tntcnatcnn	nccnccatat	nnccanggca	catctatntc	agatnnaact	720
canctngtan	tattnagana	cncctegacnc	actntctgtt	atacttntnn	cantctntaa	780
tagagntntt	ncganncnnn	cttctgntnn	ncnanacnac	attntntntgt	tacatcntnn	840
atatngcctc	tnattntanc	ntcgtannnc	attntncnnt	tctncnctca	ttancnntnn	900
tancantcnt	cncncnntat	ntaaanncgt	ncacacagtg	cnnnntatnc	accgaannta	960
cntnnaentt	atcacataat	cncctgagtnn	atatactcnn	gttnntctat	tcnctatecc	1020

<210> 4601

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1081)

<223> n = A,T,C or G

<400> 4601

ttnaaccttc	accaccggtc	angatccctc	gattcgcaga	acccaagagc	aaaagcagcc	60
ttcactnact	gtcccatgaa	ncaaaaattg	gatcttttct	aagcaacaga	aacttttagga	120
tggnangac	aaaagctnng	ncttnntccn	tntganntan	natatgnaat	ggagattctt	180
tctnatgnng	atcccattcn	gttagccnta	aaaannncat	acgngcnnnn	cggaatngga	240
ccttagcaaa	ccaaatgcgg	naaagcctga	tggnccgaatt	ngaangangc	cactgncccc	300
ttaaaaaatt	gagcctcnn	cttnccctgg	gcggnnaaac	ccccttcctt	nttnaaccgc	360
ttcttnntag	ntcaaaaagn	gnngtaaatn	nccccgggtt	cttatagnat	cttgntaacc	420
tntatccttt	gtttgaacaa	cttttcatcc	cctnttntnt	ccccgggnaa	aagncttctt	480
aaaaatgggn	gggncctttt	cnttttantg	gatttttcca	atnntttaa	ngctttta	540
cggnttcctt	aaggananc	cgggaaaaaa	aaaatttg	tttnggggga	agnaagnatt	600
tccaacggna	agaanccnt	ttcccttggg	nggccaaaat	atttnatgga	cnctttttta	660
ttttccccc	cttttggtta	aaggnccttn	ggaantggac	ccccttctnc	cacctttaa	720
aanacctngg	ggctnggtcn	tttgcccaaa	ccataanaag	ttgggaatag	ctatggccc	780
ggtnttttaa	ancccttgng	gaaaaaaaan	gggttngcc	ntttnttttn	cncnccgtaa	840
tttnnaaagg	gggggggttt	tttttctnc	ntttttaaac	caaanggggn	cccaatttng	900
gggaacctgg	gaaaccnngg	gtttccccca	tttttttttt	tttttttttt	ttaancaatt	960
aaanaaaatt	cccacanttt	nttttttttg	ngnaaaangg	ttnttgggga	acccccctt	1020
ttattanggn	ggngggcccc	tttgggnaaa	aanattnttt	tnnttngggg	cgnaaaaaaa	1080
a						1081

<210> 4602

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4602

cgtnttttaa	cncttnnact	cccgtgcttn	atgccgancc	acncgtactt	aactggcgcg	60
ngatgtgtgc	tttngtnagg	catcactttt	cccaagnatt	tcattgttcat	ngtaaagagg	120
aaaaatacan	attnctctat	aatgtctcca	ctnattggct	aantcgccac	ttntcatctn	180
tgtgggaaat	gccangtttt	gaantcaagc	cttcnnnaat	tnngaacatt	tttncaang	240
tttattcccc	aattgcgggg	ggaanatccc	tnacctggct	naaaaatnaa	atttctttaa	300
cccattngga	aattngcnta	aggnnccaaa	anaatttttg	gcncctggcct	ntcttttaan	360
ggnccttttt	ncccaaaaaa	nggaaatttg	gccccaaattt	cttggnggga	cccctgggcc	420
aacncctttc	cccttgga	ccnaagnccc	cgggggaccc	attggccttt	naaanaaaat	480
gggnanttng	gncccnanaa	aaaaacnccc	cctngggggg	aaaaanttta	aaanngggnt	540
ngggcccntt	taaaaccaaa	gnggttgga	aaaantaagg	nncccttacc	ntaattttna	600
acagnttanc	cctttttttg	tcctgggaac	caaattggng	gnatnaaagg	cggaaaataa	660
atttgggaat	nnccccaccc	caattntngg	gaanagtnat	ttggncnttt	ttnaaacaat	720
ngggaaaaaa	tctttaaggt	ccnaatnacc	cctggggggc	ttggaaagt	ttttcaaaaa	780
nggatttncc	aaaaccctaa	cccttcccc	aaaaaaaaag	gggattccaa	ngggtttant	840
tnccctcaaa	tncaggtanc	ctgnccctta	aattattatt	aaaagccacc	ctttcccgga	900
agaatccaaa	tnccgnaacc	anagttttaa	aaaanccaan	ngaagccttg	ggncangggc	960
agttttanaa	gaaatgggcc	cnaacaaccc	cgggttttgn	aaaaaagagg	accngggggt	1020
tttttttttt	ttnaaaaaaa	aaangg				1046

<210> 4603

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4603

ttcatcctnt	ntngcttttg	tgcagatncc	tcgattcgtg	agtgtgtaac	tcctaaatta	60
gaacactttg	gtatctctga	atatactatg	tgtttaaatg	aagattacac	aatgggactt	120
aaaaatgcga	gggaataata	aaagtggagg	ggcccttaga	tacagaatcc	aggctcaatg	180
gataaatgtt	tttggccctt	cccaccccca	tcattccagna	gttgggaaaa	aaagtgatgc	240
cgaatatacc	caactcttcc	ttttggtacc	ctaccatttc	tgggtacctc	tgggtttttg	300
aaaaattccc	atcntaccaa	aggaaacagg	cattagcctt	ttgggtattt	ccccaaaant	360
tacccccant	tanttcaaaa	aaacaaaaaa	taggtttcaa	ttcaaaaatg	ggaatttttg	420
gnaaagtttg	gaaagaatcc	ggtacctttc	ggtttggggg	tttttaaaaa	ttccaagaac	480
caccattgcc	ttttggagga	aattttttaa	ccaggaattc	ccctttnttt	tcaaccctta	540
cgggaatttt	cntttcttta	atggaagnaa	attctggcnt	caagaaacaa	cccttaccac	600
ccnttccaag	aaagggttaac	cttnaaaant	ttcccagaaa	agaatanttc	ntnccagcnt	660
ttttntcaaa	aaataccaac	ctccaaacct	tagcttnctt	ccaatagcca	atttaaagcc	720
gtgccncccc	agtnaaaagg	ntcctttaa	atggacagaa	catncgagat	gtcagcaaca	780
aagaaactga	aattccgtgg	atctatncac	acagaactgg	aaaaaaaaaa	aaaaaactcg	840
gcctctanac	tatagggggt	ccgattacgt	aaattcccc	ccagggnaaa	n	891

<210> 4604

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(877)

<223> n = A,T,C or G

<400> 4604

tcgnttngac	tnttgaattt	ngaagccntg	cgngaaccct	cangacncan	ncgnnncgag	60
nggnantgmn	ccnatnctn	agatttttct	gggnantg	catgnggtct	nnnaaggcgg	120
ntnctngaag	aaccctngnt	tgaattacna	nagagngccn	ngnattnnaa	gccccaatatn	180
tggcnngcgg	tgtccattaa	ttntatanc	nngcnanaca	gatgacactg	ttttaaggaa	240
atggngccna	acccaanccg	ggtggaanga	atgaatnnca	agantnggtc	tancggggan	300
ttttttaaag	acanggtctn	actctgttgc	ccatgctgga	gaccaatggg	gcaatcttgg	360
cagantggc	tgatagttat	ccttnggctn	ccgnaantnn	cggnnaccgn	gaaccccata	420
gccgttaaga	aggttaggcc	tntggaatga	aaccgtttnc	cancaaacna	aaagagctga	480
ctgnnaaacn	catcccacta	antggaaccn	nnnccggctt	ntnaanncnt	cnntnattna	540
ncctggacct	ggccctaggg	ggaaanaaaa	agntgccngt	tggcnaaang	gaggntnccct	600
ttnttttgnn	naaaciaaagg	attnccggnt	tgaannccct	gtcccncaga	tgtntcntaa	660
aggacccccca	taaaaccngg	gnnccgncca	aggggaggnc	cccgttggga	tnttnggagg	720
attccttttc	cccaataaaa	actnttacct	agnttggnng	agcnnggcng	ccaacccctc	780
cccgnttnan	tcnttnaaan	cncctctctng	aacnccctc	nnnatntgct	cccatttnaa	840
ngnnccaat	ggggtttttt	ttttnttnna	nnnccct			877

<210> 4605

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 4605

nnatcanttt	atcangcttt	ntnntcnntt	tgcaggatcc	catcgattcg	catctggcnc	60
gaggngccat	aantcantt	tnaaanngaa	ttntttttta	ntggangana	tnctntcgnt	120
nganttcngg	ctttntgang	gngacggnta	gnnantcnan	acacacttnc	tnnacattaa	180
tggganncgn	gcctganctc	ggganctncc	aaaangttng	nntttcctac	gaatgancac	240
nccttggnct	gngnggaatn	cgggcgantt	agngctgcna	tgggtgacatt	attntntcta	300
tataacanta	ttgctggcnt	ncctaccgna	gnnnntnnac	cctgnantgt	ggcactnccc	360
tncatatcca	nanntcctcc	gactgtatat	gccttcctgt	cngcatacaa	nnnangccta	420
tancttaann	gnaaccanan	nnntgnggaa	nggatgante	caatacatgt	gnncattntt	480
ncatgngtgt	tccnacatgt	ggncttcgaa	nctcangctt	tggaaaccag	ngtttcacgn	540
gacaatgana	cctttccatg	cttntntgcc	ccncaatntn	cctcaatttn	nttataanca	600
aaaaattttt	nnntntatttt	canaaggngg	tccagtantt	ttnttnacat	ggganngact	660
ttaaaattnc	ctaagcaagg	ggaanccatc	ttttaangan	cattaanttt	ctntggggggg	720
anaatccaaa	ccanancctn	gaaccttttt	tcaatgaact	tntngcaacn	ttattttttg	780
agcanccaat	ttttttcggt	tgaattcccc	aaanacaaat	tgtgttttag	aggnnnnaaa	840
aaatcncttc	cnct					854

<210> 4606

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1401)

<223> n = A,T,C or G

<400> 4606

```

ccttttgaaa ttttttnaaa atttccnttt accnccgggtt ttttttttnaa tggggccnccg 60
gaatccccc natnccgggaa ttttccgnen tnccttctt gggaanagga aaaaatnaaa 120
tntnngagtt tantggccca cnataagggg aatccaaagt tngccaaang tttanatggc 180
ctgggtntng ttgcntccca actggaacct ggggggtttcc caagggggga acccccggg 240
aagaacccta ncccaaactt gaattttaan aagaatggaa gaaagnggg gtttanctgg 300
ggtcaagaat ggaaacaaat ncctttccac tnaatgggcg gtggaaatgg gcccttttaa 360
ccanggaaga atgcctttgg caggcaangg aaggaattgg ccaagaatgg tcccttggct 420
tccacaagta ntccattggg caggncaaaa tggaacnatg gtcggaatga aataatgggt 480
tncccccnaa aaatcattan ntagtngaac nttttttggg ttnggaaanc cttccttggg 540
gccnntaaat taaaagaaaa aaatggnaaa gaatgaatgg taacaagaat tanttgttca 600
aaccnngggac cttntttcaa agccaagtaa ntttaagtng gaaagtctct cggaatttgg 660
aaaaaaaaanc cntttaaaaa aggnaaccaa attttttccc aggnaaaaat ttgggaaaaat 720
naccttggtn aagnaaaant ttccttggat tttcnttttt taaaacaaag ttaaggccca 780
aggggggnaa aaaantgggt tttnaaaacc ttanccaagg ggggtgggaa cccaaaaaaa 840
aaaaaaaaatt anccccccc aaggggnttg naaaaaacc aacctttggg gccttttttt 900
tgggggttaa anggaaaaaa tttngggngg gncccaaggg tcccanntt ttnaaaaaa 960
aaaagggtcc naaaaaaaa antttttttt ttttttnggg aaaccntttt ttttntttt 1020
tttttttttn aaaaaaaggg cccccaaaa aanggggnan cccaatttta agcttttttt 1080
tttnaaaggt ttttttttaa aaaaggnccc ccaccnttta aaaggggtta aagcnaaatt 1140
anttttttta aggggggggg ggaaaaaatt aagggtttcn aaaaaaaan tttttttaac 1200
ctttgggttt tggaaaaaaa aaaaaaccca aggctttggg cctttanttg gttgggccct 1260
ttttntttt taacccccct tgggttttcc ttgggttttc cccaaaattt tttttggcct 1320
tgggggaatt tttnggggaa accaanttaa agnnccccan tttttccnt ttttttggg 1380
ggggggaaaa aaaaaaanna n 1401

```

<210> 4607

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4607

```

ngnnnnntt tcnaaanccc ttttcnaatn ccttggctat ttgatctcct tgcangatcc 60
catcgattcg aattcggcac gagacctct ctggccacat ggaggcagtt tctcagttc 120
tgtggtcaga tgctgaagaa atctgcagt catcttggga ccatacaatt agagtgtggg 180
atgttgagtc tggcagtcct aagtcaact tgacaggaaa tnaagtgtnt aattgtattt 240
cctattctcc actttgtaaa cgttttagcat ctggaagcac agataggcat atcagactgt 300
gggatccccg aactaaagat ggttctttgg tgctgctgtc cctaacgtca catactgggt 360
gggtgacatc agtaaaatgg tctcctacc atgaacagca gctgatttca ggatctttag 420
ataacattgt taagctgtgg gatacaagaa gttgtaaggc tctctctat gatctggctg 480
ctcatgaaga caaagtcttg agtgtagact ggacagacac agggctactt ctgagtggag 540
gagcagacaa taaattgtat tctcagata ttcacctacc actttccatg ttggggcatg 600
aaagtgaaca ataatttgct atagagatta tttctgtaaa atgaaattgg tagagaacca 660
tgaaattaca tagatgcana tgcngaaagc cagccttttg aagttatata atgttttcnc 720
ccttataaca gcttaacgta ttacttttct ttatttggnt tatnataana nagntgngtt 780
antaaan 788

```

<210> 4608

<211> 793

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4608

tgntcnccta	gggaaaccct	anngaaaagc	ccnccanntt	tggnnaaaac	tncgctnca	60
ntgacgtcca	cacaccctnc	tcgggtagag	ntcattttgt	ggcaacggaa	tgcncggnc	120
aaacagnagn	gnatntnnn	ggcacagaag	gccngngcca	ntttcatgga	cacctggctg	180
gacctcngn	gaagngaact	ncgataagat	gngtgcgttc	actgcagnac	ctcacantga	240
taccgtccnc	tctaattgga	cngancctcc	ccacatgcac	ncnccactca	aanggagntt	300
naaaggctgg	gttcaggtta	caggggcgtt	ttcttcaccg	tctgaatgcn	ggaagacaga	360
ntacnagctc	cagaggagcg	ngggcgggag	acggagctga	natgcnngat	gtctaggaaa	420
ncgtcctcgn	attcctnagc	gcgggcngcn	ngactgntcg	cggcccttgc	ctgncttnca	480
ngagcgcttc	aacttnnncc	aacacaccen	cggnetgatg	ttccttnnct	ccggcggcct	540
gcacacccca	acnatgcctg	actnggangg	ctcncctnnc	cacacngacc	ntganttnng	600
gnncaagtna	cancctgtnc	caaantaccg	nttaatncca	aaagngnacc	cntgaaaagg	660
aancggncgg	ggncctntag	ccngngntnn	ancnggancc	gggnnnncnn	ngngnangnt	720
ngaaaggggt	cncctgancc	nttntcgcnc	ncctcgnatn	natgcntccc	cnggcantag	780
ncnacntcan	ncg					793

<210> 4609
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1104)
 <223> n = A,T,C or G

<400> 4609

nncnaaaaacn	ctttnnnctc	ccgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaaaagg	gacagcgtgg	ataaaaaggt	tttttaaaaa	catgggatgg	ttaaaggctg	120
gtttttgctt	tgggaagaaa	gaacttnggg	gaactggggg	ancaggtctt	ttaagaatat	180
ttaatttgga	aaaatgcctg	ggccacctgg	tcctaatacct	gggaatcccc	aaggggcttt	240
ggaanctaag	ggaattttga	agggaaagtt	caccaagggg	aaagccaaga	atttccaagt	300
cctggaccaa	ttttatttcc	antgccaaag	gttttttttt	gggtgcctgg	taagttatta	360
ttgaatggaa	aaagaatggg	aaaaagcctt	gaaattaaaa	ggccatttaa	ttttcctgcc	420
ccctaagaag	tttggtttcc	accagcccc	taaattccaa	gggccattaa	tgggaataat	480
ggttaaaaaac	caaatagaac	ctggtaaaac	cgtnggttta	ttacgaatgg	ttnaaaggan	540
ccaaaaaatt	ttaaaaaaa	angggggggn	tttttttaaa	naaaaaaann	gaagggccat	600
taaaagggaa	nccccctcca	aattggccaa	nangaatttt	ggaaggggac	ccanttnaat	660
tttttttaat	ttnttggaag	ccctttttaa	aaaaagaatg	gaaattaagg	ggtggtttcc	720
ttccaangga	aagggttaag	gggaatcctt	gggccttgga	aaaangggga	aaattaaatt	780
cctggaggcc	aaaaaggggt	aattgaaaaa	ccaagcccct	taatngccnn	tttaagnaag	840
naaaaaaaaaa	gggttccctt	ttttaaattn	aaaggggcaa	tttttngggg	ggntttnggg	900
gggggggaaaa	ancccttttg	gnaaaaaaaa	aagggaaaaa	attngggggg	naaanccctt	960
nggggtnccc	acccaaccca	aggggggncc	cccttttggg	nggggttggg	ccccnaaaa	1020
acccttaaaa	aggggggggg	tttttngggg	aaaaaaaaaa	atnaaanaaa	tttngggnaa	1080
aggggccccca	aaaaaaaaaa	aaat				1104

<210> 4610
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4610
 ggnctttgaa acccttggtt acntgccctt tntgcaggat cccatcgatt cgantnecgn 60
 ncnagctana cctcntatga gggtnncntn cagggctacn gtgattacat gnatgtntat 120
 nctggnnngt agccgctant ganttgatat ctgncagggt nactcctaga tgtcngnaac 180
 cgcgtganat ctgccgcccc acctnagcat gnatntgagc gtctatcaca nctnnnnngan 240
 actgggatnc acatntatgg anttgnnenn gacaanatga tatanntgnt nctntntant 300
 cngantaant ctaatttnnn gntatgtnta nngganentc atacctgtac aagacgcnc 360
 tagcntgant gnctangctg ctnaccacat gtaggnattg aaannggtta nnttagacca 420
 tgnacanant gtgcctatac ttaaaagatc tnttgactan atgctgctcc ttgtagtacn 480
 nnacccctga tctggncacc nctggtnant tantgctgtt ngccnnatna ggtacggtag 540
 tttnganang ancatanctg gcgctacgnc nggcenttan ntganccncc atanacatcn 600
 nctattattg ataccngccc ttaggatnag gcngtgtcaa atggatganc naccantagg 660
 cnantnttgg tntcgtacna cttggnaacg cccttagagt aatnaaangg gaagntgaaa 720
 cnggggcntn gggaaattan acatcgttgg cntgangcnt aggcttnctn atntttggn 780
 ngann 785

<210> 4611
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4611
 gatntntttt tcaaanccgt aggctactcg ttctttttgc aggatcccat cgattcgaat 60
 tcggcacgag gaaagctcat taccagtagg acataatttt tggctctccc tattcacaac 120
 cagtgcacag tttgacacag tggcctcagg ttcacagtgc accatgtcac tgtgctatcc 180
 tacgaaatca tttgtttcta agttgtgttt attcctggag tgacatgccca ccccgaaatgg 240
 ctcactttca ctgaggatgc tgtcctctga ttttagctgct gcctccagcc tctggcttga 300
 gaacttacta aaggcacttc cttcctgtta aaccctctgt aactctccat aaatttggtg 360
 attctctgct aggcctaaga ttttgagtta acatctcttg aagccaaact ccaccttctg 420
 tgctttttgc ttgggataat ggagtttttc tttaganaca gtgccaagaa tgacaaagat 480
 nttaaaaaaa anagaaagaa angnaaaaaa aaaanccct nactttttaa agnaaaattn 540
 cctnacnagg attttttaan tatnagntna ttcttttacc canttttct ttnctannt 600
 tcctnngat ntthttccaan ctnaanggct ggggnatttt aaacttcant ancttgttga 660
 aagaccaaaa ggtggttttt tgganttnag naaatttttt ggaaaatctg gcntaatnct 720
 taaatttggt aaaaaatttn nggaaaattc cttaaaaaaa taaatntnct tattaanaa 780
 aaaantngng ccttttagaa cttngngng cntttncn 818

<210> 4612
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

```

<400> 4612
ttcaaattngc ttggntctng ntctttctgn angatcccat cgattcgaat tgtgactnat      60
ncnaggataa atgtnatatg cgtatgattn tgatatgact ttgatgaggn tcttcagggg      120
aaatttctna aantgaaatt gctggattaa ngggtaaatg catgnatagt nttgntagac      180
aggncacnnc nctnccctta naggtngtnc ccttttgtgt tcccgccann nataatngag      240
agtnacnnga ntatgtggtn nancntata atgcttgtcc atctgatang gaanaaatcg      300
agtatgcctt aatntgccct tcttttatta tgaatcagat tttaatnttt tgcctctaga      360
actatagntg agtngtatna cgtagatcca gacatgataa gatacattga tgagnntgga      420
caaaccacnn ctagaatgca ccgaaaaaaa tgctcnattt gtgaaatntg tgatgntatt      480
gcttnatttg tgaccattat aagctgcnat ntncaagtgn acaacaacaa ttgcattcat      540
tcnatggntt caggttcngg gggactgtgt gnggatgggt ttntaattcg acggncacct      600
gtgccaaatg cattggngcc ccngggaccc cagctttntg gatncctttt acatggaggg      660
gttnaatttg gccnccttg ggcngttaat cacttnggnc cataagccng gtttnactgg      720
tngttgaaaa tccgntantt nccgtttcac caaatctccc cacnggggat tttctagccg      780
nggnagcctt caaaatggnn anagcccttg gggggnc                               817

```

<210> 4613

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

```

<400> 4613
gtttnnnnnn nttnnnnnt tcnatngct tggntactng ttctttntgc aggatcccat      60
cgattcgtc aggcctgggg ggaagaacaa gctacttggg agttaatgga tgatagctgc      120
tgtggccatt tttcttaaga gttagactgg ggagatgggt ttggaaagta aaatgcaaat      180
ggtaggttagt ggtattaggt ggtgatgccc aaggcgtgct gtagaaacct gcagggtgaa      240
gcccataact tttgttacgg gaatggggta actgaatcct aaactagcta ggggagatag      300
ggatggaaag agcagatgtg gaggttgggg agaaggagat gacaggagat atatccagtt      360
ccagagggaa tagggagagc tgtgtggcta agatttaact gtttggacat ttaatttggg      420
gaaattgttt tccagccaag tgaataaata atactggact tcaagtncaa gcttcataca      480
ggaagtgaag ttttggtgtg gagatagctg catagtcagg gaacactcta aattaaaaat      540
agggaggccg ggcattggtg ctcattgcctg taatcccagg actttgggag gccgggcaga      600
tcattgggac aggagttcna agagcaccct tgaccagcat atttgaaacc ccatctnact      660
tgaaatncna aaagattacc cggcgtggtg gtgcacgcct gtatnccact tctcnggagc      720
tgngcangaa aattgcttgg ccccgaggagc gtggtgcatt aaccagttc                               770

```

<210> 4614

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1253)

<223> n = A,T,C or G

```

<400> 4614
ccccnagttt tcnaaaaanc ccncagttt tggaaaango ccctttgtnc tanacagggc      60
catcccccaa tcgcatctcc gnaaaaaagng cgnccgagna nggacttggg nncgcctgg      120
acncnngnat annntcgggc aacacactgt cngggagagt tttntnnca gggccgggtt      180
taattacagc ctcangggta cggaggggaa aaacnanggg ggaanattgg nanannccgc      240

```

caaangggat	tttgggggna	aagnaattaa	nccccaccana	ngntntactc	ngncnnaccg	300
gggccaatg	cnaggaaatg	gggaaanacc	tttccgtngg	ggcaagcccg	ggnaaccatn	360
gagcngggga	ccanttatgg	ggcggggacg	naaacctacn	ggnccaaaca	anggccacct	420
gcttanggaa	actaggganc	gnttaanaag	ancgcganen	aagcccgttc	ncnnaacctt	480
tgnttgnnnn	annaatgggc	cntgggggnc	ntncaacacg	ggnggnntaa	annngnanna	540
nngnntttta	acaanncccc	tcaanggggt	aacccgnaac	caacctntgn	cacnggggnt	600
annnccnnna	aaaananccc	acacagcgat	acnncgggga	gaaaaaattt	ntaaannntt	660
nnaanacca	atngccatnn	aaaacncntt	gccccaacng	ggaaaaaann	gcccccgga	720
atntancaac	cccangtagc	cccanaattn	ccccaacgga	gngggccccca	antatctgnt	780
agggnaatng	nggnattngg	cnnttnnaaa	nggnaanata	cnaccgnttt	gngnggcnnn	840
aanatggggg	ngaattgcaa	aagngnantt	tggncaaaaa	ancnaaaaaa	ncgnccttnt	900
tttnnacnan	canggggaaa	nncctcnagg	gcaaccnata	ccnancctgg	nataagaaaag	960
tccctngggn	acctnanaag	nggngntccc	cccganaaaa	aaaacnaagg	nggttanccg	1020
aannccaatt	cccccgngg	atattggaaa	aaaaccnggg	gaanaaaaaa	aaaaanggga	1080
agngcttntc	canggggggg	naancaattg	gntnaaaaaa	ccctttcncc	tttanangaa	1140
aacntttcnt	caaaaaanct	tntaaanaaa	aanccaatnn	ttatnncccc	cgaannccaa	1200
agnggtnttc	aaaatacnng	gancattaaa	ccgcggnatt	atcccntnaa	aaa	1253

<210> 4615

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4615

ttcaaacnct	nggctcttgt	tctttttgca	ggatccctcg	attcgaattc	ggcacgaggc	60
gcaatgcgag	cggctggcgt	agggttggtg	gactgtcact	gccacctctc	cgccccggac	120
tttgaccgcg	atttggtatga	tgtgttgag	aaagccaaga	agccaatgtt	gtggcccttg	180
tggcagttgc	cgaacattca	ggagaatttg	aaaagattat	gcaactttca	gaaagggtata	240
atgggtttgt	cctgccatgc	ttgggtgttc	atccagttca	aggacttcca	ccagaagacc	300
aaagaagtgt	cacactaaag	gatttggatg	tagctttgcc	cattattgag	aattataagg	360
atcggttgtt	ggcaattgga	gaggttggac	tagatttctt	ccccagattt	gctggcactg	420
gtgaacagaa	ggaagagcaa	agacaagtcc	taatcagaca	gatccagtta	gccaaaagac	480
taaatttgcc	tgtaaatgtg	cactcacgct	ctgctggaag	acctaccatc	aaccttttac	540
aagagcaagg	tgctganaaa	gtactgctgc	atgcatttga	tggtcggnca	tctgtaacca	600
tgggaaggag	aagancgtgg	tacttcttct	taattncccc	ttctatcata	agaaagtggga	660
cagcagaaac	ttntgaacaa	ttgcctttta	cttctatatg	cttagaaaca	gattcacctg	720
cnctaggacc	ngaaaaacaa	ggtaccgnat	ganccnt			757

<210> 4616

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1351)

<223> n = A,T,C or G

<400> 4616

ccnttttttt	ngcnaaaaaa	aattcnnccn	tttttngggg	ttttaaaaaa	nanccccccc	60
atttttttca	tnnntttttt	tnggnncagt	naaaaaannn	nanantttnt	tnaggggnan	120

ataaannnnn	nntannnnga	angnnnnntnn	tntntnaaag	tannnnnnngn	tttttntgaa	180
nnnannagan	agnngnnntt	tttttttntt	nnnnntanna	gnnttttttn	tgngngnatc	240
atantattnt	nncaaggagg	ggtannntat	tttnnaanga	tgaantttgn	atntnanngc	300
atnnannaan	naaanttnnt	natntngnna	taatnaaaga	attnaataat	tanangatan	360
atacntaaaa	aaagannnca	gagcattntt	nntgggattt	ttnatcatct	caaatnagnn	420
annatatcta	tgaatgatan	ttanttangn	ttnataannt	annnnnaann	gtnttatnna	480
annatantgt	nattngannt	gananaanng	atctgccang	nangatntna	tnaaatntnt	540
nnnngaana	antnnncnagg	cgnaatnata	ttmntantna	ntntntnatt	annaatagaa	600
aaatntnatn	atnatatana	ttnattatac	antantatgn	tnnaaantat	atnanntntt	660
tatactctac	tatatgaatt	attcnnanga	natnaattan	agnntnga	aaatatatat	720
atntanaatn	tnatttaatc	tgtannagan	tananaactn	cnaancatnt	ctatgatata	780
tgananagnn	tatatctgt	acttaatngn	atattanata	tgataaatan	anagatatat	840
ataatattat	nacatacgtg	tatanannta	tatntatntg	nagtaacnngn	gannaatgat	900
tacttatatn	antattnana	tncnatanat	atnnagggtg	tagtcntgta	naatgtgnna	960
tcannngagt	cnnnataata	nntntatctg	ttatgttggt	atataatttgn	tngnatatat	1020
nctactannn	nataaggnta	taatttgnga	nnagatgtnn	aantttnatc	tcanaagacat	1080
cnacatgcan	atnangttga	anantgtttt	ntatatctca	tangtantct	cntatngatn	1140
tntagctatt	atntagaana	nntanatata	tntnctctnt	atgtmnaatg	actcataant	1200
ctatnatgt	ngtacaactn	nctntgtata	nagngatgnc	tcatanatta	cncnntantn	1260
cngatatata	tagnnnattt	ntatattnat	actctantan	ntgatngana	tattntatnn	1320
acnnanatag	actactatan	taataanatn	a			1351

<210> 4617

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4617

ttctaantnc	attctaaatn	ccagttccaa	gccttngtgc	aggatccctc	gattcgaatt	60
cggccgagaa	gatgcagggtg	aacaggtagt	atcttcccca	gcagatggtg	ctgaaaaagc	120
tgacagaatt	attacaatgc	tgcccaccag	tatcaatgca	atagaagctt	attccggagc	180
aaatgggatt	ctaaaaaaag	tgaagaaggg	ctcattatta	atagattcca	gcaactattga	240
tcctgcagtt	tcaaaaagaat	tggccaaaga	agttgagaaa	atggggagcag	ttttcatgga	300
tgccccgtgt	tctggtggtg	tagganctgc	acgatctggg	aacctcacgt	ttatggtggg	360
aggagtttaa	gatnaatttg	ctgctgncca	aaaatttgct	ggggtgcatg	ggctccaacg	420
tggtgttctg	tngagctggt	tggactgggc	aagcggcaaa	agatctgcaa	caacatgctg	480
nttagctatt	agtattgatt	nggaactgct	tgaactntga	aatcttgga	atcaggttaa	540
gggcttgacc	caaaactact	ggcttaaaat	cctaaatatg	anctcangac	ngtgtttngt	600
caaattgaca	cttantaatc	ctgtcctgga	ntgatgggat	tggccttccc	ctcggcta	660
aactatcagg	gtggattttg	gaaccacccc	tcatgggtaa	aggatctggg	gattggcnca	720
aganttttgn	taccagcaca	aaagangecc	cantccttnt	tggcaatctt	gggcccata	780
gatcttncag	gtngatntgt	nccct				805

<210> 4618

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4618

ccntttcnaa	tncnagttat	cgcnttttttg	caggatccca	tcgattcgtg	ttgctgcatt	60
ctaagcttaa	cctcctggtc	tcatggcagt	gacttgagct	tttgattcat	agaagaaagc	120
cagaggttct	gcttgttctt	gtctgccagc	cctcgctcgtt	ctttctctc	tgccctctcac	180
ctctacccca	aatacctctg	ttcttagtct	caaggggaga	ataacatcag	ggagcccctc	240
atcttcccca	gaaggacttc	tcgttccctca	tgtagttaac	tccattgatt	ttcctatctt	300
ggtgctgata	gctctctaag	ggtagggcac	acctncccac	agccaccctc	ctcttcagag	360
agcccccagc	cagcagcagg	ccccctctgcc	tgcaactcctc	aggcttgccc	ctcgctgcct	420
cagtgaggca	ctagtgccac	tgccgtggcc	caccgggcca	tagctcaagc	tgacgcagaa	480
atgcctctca	gtggccaaca	tgatgaaacc	cctgtctctca	ctaaaaatac	aaaaattagc	540
tgggcatggg	ggcggttgcc	tgtaattnca	gctactcang	aggctgaagc	aggagaacca	600
cttgaaccca	ggangcggan	gttgcantga	gcccagagctt	gtgctattgc	acttgcaccg	660
gggtgacaag	anggaaattt	gtctcaaaaa	aaaaaaaaaa	aaaaactnga	nnctntaga	720
actntagtga	gtcggattta	cgatanatcca	gacttgatta	gatncattgt	ta	772

<210> 4619

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 4619

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cngctngna	nagctancnn	gntnttttnan	acagccnagc	angcnnggtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgntctg	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggna	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggg	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnctngtctt	cattgcnaaa	540
angaantca	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttaen	at					612

<210> 4620

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4620

annttacnaa	ancnngnga	cntnctcttt	ctgcaggatc	ccatcgattc	ggggggcacag	60
gccgagctgg	aaggagaatt	tggaaaaaag	gctnatggct	tgctggggat	gttcctgaaa	120
cgctcttctg	ctcagcttat	cctgctgcaa	gcatggactt	cccacctctg	gaaaatgttt	180
tatgatgctc	ggaagccccg	gagtcagatt	aagaatgaga	tcaacattga	caccctggcc	240
agagatgaat	tcaacctcca	gaagatgatg	gtgatggtaa	cagcctcagg	caagcttttt	300

ggcattgaga	gcagctctgg	caccatcctg	tggaaacagt	atctacccaa	tgtcaagcca	360
gactcctcct	ttaaactgat	gggccagaga	actactgctc	atttccccca	tccccacag	420
tgctcagcta	agaactgtag	ggaagatgga	tgaccttcac	gcagaactcc	ttttgggata	480
tacatgatgc	agaaaggatc	ctacatggag	agagacagaa	ctctctcagc	tgacactctc	540
agagattcct	gatgggcttt	ctcttgaagt	ccaaggcgctc	tgcatgtgtt	ccttttcttt	600
tgcccatnca	tgaatggttc	tggtttggnt	ttggtttttt	ttaataagga	atttcccggc	660
tggatttttg	tgaaggcctg	ttttaaatg	gactttactt	tgcccttttt	gggggtttctc	720
aanttttate	ctanaaacct	ttctgacttt	tttccatcnc			760

<210> 4621

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(612)

<223> n = A,T,C or G

<400> 4621

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tcgaattgan	60
ctctnggctc	cngctgngna	nagctancnn	gntntttnan	acagccnagc	angcnnngtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gccngntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgnetgc	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aaatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggnag	gtgnatatgt	gannagccca	taanngagca	tatttcacca	aaactntntc	420
cctgggtggg	accaccttgg	tcnaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnetngtctt	cattgcnaaa	540
angaantcna	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttaacn	at					612

<210> 4622

<211> 1526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1526)

<223> n = A,T,C or G

<400> 4622

aggntcttgc	ttgncccatn	gcgaacgctg	gaaaccctcg	nncaanagcg	cgngaaaccn	60
cngggntaaa	tgcccacggn	nannncacgc	nannnceccn	ttttcncacg	cnaccacna	120
ggngcngan	nagggnctn	anangnacac	nnatcngaac	cantctntna	aaggngcngc	180
naaantnnnc	tanngtncgg	cntnacgagn	gggaactgna	acccccgngn	nngctacnag	240
nnacacnaga	aaacancnct	ngggtnaata	caacagccaa	cngncanncg	nntaannaat	300
tcnncancan	aggagagaga	cnnagnancg	cncacacant	nnngncccaa	cantggnaaa	360
ccacnagcnc	ntaanananc	gacccangnc	anntnnctac	aaganagnng	cctcacngcn	420
nanncnncac	ntcgtncgca	cccnatngga	accgcaantn	ncgaatcann	ncnnaggggg	480
ccgcccannnc	nnacactcgt	ntnacgngag	cncgctcana	naccntacta	natnnngggc	540
gcctngngaa	caaaacaaca	ngccccanac	cgcctnttag	nncccntnna	anagatancc	600
gacggganac	tctannacgc	ganangnacn	gtccaaccac	tctagaggga	aantgntngt	660
nntananaan	cnacaanggg	tnttccntnc	gcancacaan	gccaaaatcn	atntatgnac	720
ccatntncnc	tccacnggga	ncancangga	aagaccgagn	agcccaanga	cnananacng	780

nngtancnt	naaacaaacc	anannagaca	nnanggnagn	canaancccc	ccaggcaaan	840
cacnctantn	ngcanaaaac	nccccctaaa	tnancgcgaa	ccctttgncg	ncnanngnat	900
cggntngaca	gnnnacanann	nnnnnnntn	nanactcaaa	aggnanmaan	gntnganacn	960
nngcaanaaa	ccagcaccgn	ggtgncnnaa	cactcnggcg	taccnncnagc	gcanntatat	1020
caccaccccg	ggacangaag	gtcncgngng	natatannaa	tcncntnncg	gcgacacgca	1080
nctctaaagc	nnnncnagntn	taanangncn	natnntaana	nnangctctc	aaaccnntcc	1140
gcggnnnng	ncnctannac	tacgcaacca	catcaagnnc	cggnatgcgn	atccanncgt	1200
tcacataaac	ggggngacca	cnngngncn	cnaneganc	ntgttnnacgn	gnngcgagnn	1260
ntnnnccgan	nngacangac	nannngnaaa	nacgctaccc	tnggcnaang	cacacatgng	1320
tgnaccgana	antctganta	tntncnntn	tacacncant	aacnacncan	nagnntanng	1380
aggnaaccga	antgaatnga	tannncnncn	cgnaacgnng	anncccnnnn	ganantnaan	1440
ntaagnacan	nnanagnntn	nangcgcgca	nnacctntac	naacnncaca	nnctngcnnt	1500
cnaaaaganc	nacgcncntn	tcnccg				1526

<210> 4623

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4623

ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctcn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantntttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300
gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattcttat	tttnnaactcc	ctgagtgatg	ggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	gggttttgntc	acaatcatga	aaatgggttnn	540
gccagataaa	tatttttgata	ttagntttcn	tttttnnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgntntgggt	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaag	aantnttgna	tacttcttca	taaaaggggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttggnntta	ccaagcc					797

<210> 4624

<211> 797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (797)

<223> n = A,T,C or G

<400> 4624

ttgtnnnncc	cttttnaaat	ncctttggct	anttgnctcn	tttgctngat	cccatcgatt	60
cgaattcggc	acgagnnngg	actaccttnc	aaaaccnggt	ngggaagcnt	gttacagaan	120
tgatntctan	tcccctgnat	tctggatgct	gcagaccaac	acctgccnac	aanacncana	180
cacacacann	caancantat	catgtaagac	agnncgntna	ntnnnnnatt	ntnatncttn	240
nncattttacn	cantntttgta	nantggntca	tgngtctata	natnnttgta	antattntnt	300

gananangac	ganantctga	atcttaagca	tatgctccat	cnttnnatat	gctntgggtg	360
agaggctngc	cntnattcat	nttnncatgg	agncaagttt	aatgcctcta	gantacattc	420
tgggcttcaa	gcattncatt	tttnnaactcc	ctgagtgatg	gggtggataaa	tcnaacattg	480
nctnagtggg	ntcaagacaa	ctttgntggg	ggttttgntc	acaatcatga	aaatgggttnn	540
gccagataaa	tatttttgata	ttagntttcn	tttttnnatat	anngcggtag	gtttgaattg	600
nacnttnaaa	tgntntgggt	tgtnaagaca	ntggnttnca	atnnaattta	tnacatgaat	660
tggngnctcc	cctttggnga	aaccttaaag	aanttttgn	tacttcttca	taaaaggggtg	720
tgngatttng	naantttcgg	gggttttnaa	tttttnntga	agcttatttc	ntganaatnt	780
acttggntta	ccaagcc					797

<210> 4625
 <211> 1133
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1133)
 <223> n = A,T,C or G

<400> 4625	
gctacnagcg	gngngaaaaan ntccnnccct ttnaaagntc cctgggttaa aaaaaccccc 60
ctttttcccc	ttttttgggg naaaaccncc ccggtttttc gcnnaaaaan nggncccnng 120
ggggaaacnc	ccccanttc ggganangcg caaaaaaata ncntggnggn accggngngg 180
ggaagcncnc	cncacanncg gagggcacca ntttaccgn gaatanngnn nnaggaanca 240
ngncncnntg	nttaccgggc gaagcccgga caangcnntn tgggttnanaa nntgggggng 300
gaaancngga	tccangggnc cncnacgag cnaanggtag ggannctnaa acaannnaaa 360
ngtggngtcc	gntcnaanag ngtnanccc anaaaaaann ncnggtaag nntgcgnncn 420
atacanaaca	naacnnggaa gcngatgaaa taaannnctg tcatnanana ngnncancnc 480
acctggnnna	cngggccggg aacncnanaa gggnacanaa tcgnagaaaa aanaantgn 540
ntngggncgg	ggcgtgcna gccacnccaa aacaananga annngatntn gatnnggnaa 600
agaanaaana	ttncnaaaan caaannnana atgngnaata tggggggggg aaggganann 660
cgggganngg	ggggggatcc nnatcctctg ttaaaaangg agngngggna ngggggancg 720
aaaaccnggn	naagganccc annatgtgga anncaggtn tagnaaccaa aaaaancggg 780
nnatctgnag	gngncaanan nancnttant cancccnnga nngccntatn ggngcaaggt 840
ggagaaatcn	cnggntaaan agggnncccn ggtgggnagt ggtgaaaaaa ancccanggn 900
aaangacnnc	aantngggcc ccnaggggn angaanangg gggaangnta aaaagtggaa 960
accccaaaa	nngngaaaag aaggtaat tttgnnnaga accntttaan cngagggccc 1020
tccaaaaaaa	aaatactccg caaatnancn gaanaacntna ctagggggcc annnaganan 1080
aactnntcgn	gctananana gtgacatccn ataaaaacgg tntgaacncc ncg 1133

<210> 4626
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4626	
agggnnnnnn	nnnnnnnagg tnnnnnnnnn nnttttttgg gaaaaagncc cccntttttt 60
ttggggaaaa	acccccctt tttgggggaa aatttgggcn ccnncccn ttttggtttt 120
taaggggnnc	ccaaaaannn nccccctt nngggggggn nnaaanannn nnnnnncnng 180
ggnnnnncnn	nnnnnnnnnc naaaagnngn nnnnnnnanc nnnntgggnn nnnngnnnnn 240

nnnnntttttt	ttgnnnnnnn	ccccnannna	nnnnnnngnn	nnnnngnncnn	ngggngngng	300
gggncnnnnn	nnnnnggggg	ggggggnaaa	nnngggngnn	anacnnnnng	gggggggaan	360
nnnggnnnnn	nnnnnnngg	ncnccnannn	aancgnnnnn	anancnnnnn	nganggnnnc	420
ncnnannang	nnngnaacnn	naccnnnnna	cnnngngng	aannnnngnn	gnnancnnnn	480
nnnnnncng	acgccccgc	gccgcnanga	ananaggcgg	ccaacgnaca	ccaggaacgn	540
nggcgnnaaa	gcagancagn	cgaccnnacg	nagngcngag	agcncnagna	angaacngag	600
naggganngn	nacgnaccan	nnngnaggcc	cncgcnnnag	aggngcaagn	naaacgnncg	660
ggagancaaa	angacacnaa	acngncannc	gaancaaccg	aannangggg	nccagccnag	720
acacgagaca	cacngnaann	gagnangnnn	acagacgaan	nggganacgn	nannancaca	780
gnaannngcn	naaggccncc	gganacaang	ggacgnnacn	gccngnggcc	ncaaaggccn	840
gaagaaannn	nngcgagaca	nnccngcngn	gncnnngnan	aagaggnaga	cangggngca	900
nnnnangggg	aaggacaanc	aancnaagga	gcgcnnngnan	cacnnnccan	nggannagca	960
ncngacaana	annnanaacc	gnnaacgncc	ngaaaagagn	annnnagaaa	aanngaangc	1020
aaacngaacc	ggcacncncc	nnnnnncgac	ngcagacaga	nnagggnncg	gnccnaacnn	1080
ngagggnnnn	ncgaganaca	ncggngaang	cngnagnaac	cgagnaaang	ncnannngac	1140
nannnggnca	ncacncncgn	gannggcgcn	nanaacgcnn	gncncaaaan	ncgcc	1195

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (729)

<223> n = A,T,C or G

<400> 4627

cttttctaat	gcttgggntn	gctctttttg	caggatccct	cgattcgaat	acagccctnn	60
cgntgncgct	ggntctgatg	gctgggntnt	tganncgagn	ctctngtgna	ngtncacacn	120
cnctcacncg	acatatggga	cattacacac	acactcctgc	tcaaagtctg	tacccatnat	180
gngtggaant	tctgnaggcc	tnagctctgg	ccctanggc	ggannnnngcn	actactttnc	240
atnaccncga	caccaagggtg	gctatggcct	tccnacttn	aactacaacg	ttggngngng	300
canannatcn	tnattnanna	ncaaagctta	ncangatagg	agagccnnat	aannngactgg	360
gaacntactg	nnnacannccn	atctgagaac	tcatgcggca	catggtggag	ncctatntgc	420
tcgaagaaac	tgtgttaaca	tgactcatg	tgcnnggctn	acactcntng	ctgttncntg	480
cnnatngtat	acatgtatga	cacttctgtc	tgtgnaaagt	ggaagcattt	ctcatacngg	540
ncctatgtct	aatnagttnt	gaccccnngc	tgtagtngct	aantgnaaca	ggnttgatcc	600
ttacnntgaa	taactgtcac	atnnttaatg	agctggagaa	aagtagtcca	anccttagcc	660
cttctnggga	aagtttgccc	aacngtntgg	gagtncnaaa	ttnccttttna	ggtnaaggcc	720
cctttntnn						729

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (911)

<223> n = A,T,C or G

<400> 4628

tantangann	nntnnnnnnn	nnngtnnnnn	atcanatnnn	nnntnntnna	nngntcnttn	60
tnnggggnt	naananangc	gnnagtnnnn	gattttgaaa	acnttataa	gccttnangc	120
nacngnttt	ntncagggnc	ccntcgantn	gnnatcgga	cgagccggan	tacgcctgt	180

ttgggggttat	gtgggtcggg	gtggccggtg	nttcngcctt	cnggggcctt	gcngagactn	240
acccctanan	cgtcgctgcc	cccagctcan	ctcttactgc	gggcccgnrc	cnacggggga	300
ccatnctgtc	agggactatg	cggcccaaac	atctccttcg	ccaaaagcan	gcgccgnnac	360
cgggcgcac	gnggcggnc	ttggcgcant	ggtggacgtn	cannttgatg	agggactacc	420
accaattcta	aatgccctgg	aagtgcagg	cagggagacc	agactgnntt	tggaggtggc	480
ccancattnt	ggggtgnang	gaaannccna	cccaaatgn	ntncgaggac	tattgctatg	540
gatggnacan	aaggcttgg	taagaagccc	aaaaaaagta	ctgggatnct	tgggtgcacca	600
aatcaaaaat	ttccttgtn	ggtcncctga	gaactttngg	gcanaaaatc	antgaantgt	660
caatttgggn	gaaacccctan	ttggattgaa	angaaggctc	cnatcnaaaa	anccaaaacc	720
aaattttgcc	tcccnnttc	attgctggng	gggccttccc	aagnaatttt	tnaatnggg	780
aaaaattgga	aggnggtttg	gaanccnaag	ggaaaaat	ttttgggtgg	naacttgggg	840
tannttcnaa	aggggttttg	gtccgaaatc	cttggcntta	ncctttcccn	ttnttgcccc	900
aaangggggn	g					911

<210> 4629

<211> 944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(944)

<223> n = A,T,C or G

<400> 4629

aaaanncann	tacnnnnna	annanatan	tancnaaaan	ntnattaann	ntnccgganc	60
ncnncnnnn	cngttgattc	caancttaat	caccntngan	tcngatatcc	ngagccntcg	120
atgcnnncnt	naaacnatnc	gnangggnga	nnccaaccnn	gggtctccna	angaacngcc	180
cncnggantg	acctgnacc	ctancaaagc	aacnngnccc	ancnttttga	aagggttcta	240
gggcangcga	aaaccnaata	agnccccttn	aaaaccnaca	ngaaactnng	ccngatccct	300
naanncnccc	caagnntgct	nnccacntn	ggnnntnttg	cctngnangc	tnctgnaacc	360
ccctgnaaca	tnaaggangc	naccaggnaa	aacacaanga	cattccnccn	ttaacntnng	420
aagnaaaagc	cnnanntcta	aatacanncc	caaccagacc	cannnttggg	ggggtntggg	480
gaaanacctn	ngnggggggg	gngnaggngg	gnntaattaa	ngntaanatt	antnnccaaa	540
ggntcccaa	aggccttgnt	ttnnncccc	tttnnncaaa	aacaaangaa	ccntttttnc	600
nanggnctgn	mntannnaaa	aatnggggnc	cccccaaaaa	aaaattncnn	tgntanggaa	660
ncaacntag	gcctggncat	nncccnttaa	tcggggggccn	tggaaaaaaa	ttntaaaata	720
taaaaaattn	cccgggggna	ttngnaaacn	cnntgcengg	nnaatttggg	aangnnnggg	780
gtttctngtt	naaaantnng	tngnattnga	ccccanaaat	nttttttttna	ttatncaaaa	840
nnngttttaa	ttcccnca	ttcttaaaaa	nttatcgggg	aancaaaaaan	natnggnnaa	900
aaaaacccca	nacaaanttn	ggggaacc	ccnnttanaa	aant		944

<210> 4630

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(937)

<223> n = A,T,C or G

<400> 4630

gttctaata	gttgaattna	atcgttggaa	agagctagng	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaanntng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataa	anttaantna	agatancatg	cnantaacnn	180

agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanngtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnatntaa	300
tatgggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatattt	360
tntaannnag	ancttanngc	atntatggcn	atttnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggtanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttnttaa	nannnttant	tnggntnatt	540
natntgnaan	ttntnngng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntnttatt	naatatnta	660
naatantnt	gaatanngt	anatngggan	ataattattg	gggttnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgnntgt	aantnattaa	780
ngaccgcta	natttaaagt	tnnttagtna	ataaattngg	ntttgggnaa	naaaatattn	840
tatatttata	ananatnnna	nnaattnnnn	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgtata	nnagnaa			937

<210> 4631

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(937)

<223> n = A,T,C or G

<400> 4631

gttctaattgc	ttggaattna	atcgttggaa	agagctagn	attttngaaa	tcggtcataa	60
gtagatgttg	tggannggaa	nnaannttng	gatactgatt	ttntaagngt	ngttgtgnat	120
tggtcaggaa	ttgttnanna	ngnanataa	anttaantna	agataancatg	cnantaacnn	180
agatagaaan	aannatgggg	gagtntntga	tnnnnagnaa	ntataacntn	ataagntntt	240
attnncttac	nanngtaaaa	gattttntga	aatggatnac	tnnntnagtt	tnnatntaa	300
tatgggttnna	gaancacttt	tttnatgann	catngaagat	tnntnatann	cantatattt	360
tntaannnag	ancttanngc	atntatggcn	atttnatttg	tgcttttann	taagttttct	420
tggatgnaag	ntatatnatt	nannatttta	tggtanntga	ataganantn	gtangtaatt	480
ttgatgtant	aatagtngnt	taatganaan	ttttnttaa	nannnttant	tnggntnatt	540
natntgnaan	ttntnngng	ntaaataatt	ncnatttntt	gaaantntnc	ntttaataat	600
tngtatatta	accntngaac	aagataatat	aattgnnaac	agntnttatt	naatatnta	660
naatantnt	gaatanngt	anatngggan	ataattattg	gggttnnatng	tanttgtttt	720
cnacgtaana	ttttaatnng	tnaaatntgt	attnnnaaan	ncttgnntgt	aantnattaa	780
ngaccgcta	natttaaagt	tnnttagtna	ataaattngg	ntttgggnaa	naaaatattn	840
tatatttata	ananatnnna	nnaattnnnn	tctttaataa	atttanangn	ntntnatata	900
tntaatnata	ttanttataa	nttttgtata	nnagnaa			937

<210> 4632

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4632

tttngnaaaaa	annnnncnag	aggggtttttg	ccnaaaaaat	nggcccntttt	gggggaaaaan	60
tttgcaaaaaa	atccccntttt	ttgggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnnnggg	ngggngnnan	nannntnang	ngngaangag	180

ggggnaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnnngngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaagggnac	cgnnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnannnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanacntat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4633

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1191)

<223> n = A,T,C or G

<400> 4633

tttngnaaaa	annnnnchnag	agggtttttg	ccnaaaaaat	nggcccnttt	gggggaaaaan	60
tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnannnnnn	anngnattnn	120
gangangna	nnaaatnnnn	nnnnnnnggg	ngggngnnan	nannntnang	ngngaangag	180
ggggnaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannn	nnnnnnngngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaagggnac	cgnnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacgng	660
ataatannan	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnannnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanacntat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnacgac	nnnnnnngtg	naaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4634

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (756)
 <223> n = A,T,C or G

<400> 4634
 acttagangg ntgaagtga anncccttct gcaggaagcc catcgattcg aattcggcac 60
 gagagcagac gttgaaggca ttcagtataa antttttcga acatttcacc atggagtcag 120
 gggtgatggc atagcttgga gccagagac tagacttgat tcattgcctc cagtaatcaa 180
 attttgtagt tcagctgctg atatgaaaat tagattatatt acttcagatc ttcaggataa 240
 aaatgaatat aagggttttag agggccatac cgatttcatt aatgggtttgg tgtttgatcc 300
 caaagaaggc caagaaattg caagtgtgag tgacgatcac acctgcagga tttggaactt 360
 ggaaggagtg caaacagctc attttgttct tcattctcct ggcatgagtg tgtgctggca 420
 tcttgaggag acttttaagc taatgggtgc agagaagaat ggaacaatcc ggttttatga 480
 tcttttggcc caacangcta ttttatctct tgaatcagaa caagtgccat taatgtcagc 540
 acactggtgc ttaaaaaaca ctttcaaagt tggaccctg cgggaaatga ttgggtaatt 600
 tggggatatt actcnggcc agttattcct caaaataaga gacccttca catggatccg 660
 agcctgctta attcangggg gnccacaatt taggggaaaa tctgggttnca acccactggg 720
 ttatncttgg ccaaaatggg ccaagnccag tttnat 756

<210> 4635
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 4635
 gnnnnnnnnn cnngnnnttt naannccctn tttcaaagtc ttggctactc gttctttttg 60
 caggatccca tcgattcgcc aatggatgca gganaactga gatgggattn ccncacgttg 120
 cccaggctgg tctcctgagc tcaaagcaat ccanattgct gggattacag ctgngagcca 180
 ccgtgcctgg ctgagatgac ttttaaaaan ggactnctct aaagtagaag gaaggggtgga 240
 attgtatgca caagaagaaa aaaacctgna agaaaaacat actaaagagg ctggagtgc 300
 atggngcgat cttggctcac cgnaacctnc gcctnccggg ntcaagtgat tctnctgcct 360
 nancctccca ggtagctggg attacaagca tgggccacca cgcctggcta attatgtatt 420
 tttagtanag acggagtttc tccatgttg ttaggtgtgt ctcgaactac ccgacctcag 480
 gtgatccacc cacctnggnc tcccacagt ctgggattac aagcatgagc caccgtccc 540
 gnctccctgt nncagnntct ataantgtt cntattatat tctgggtata tgtnggngt 600
 gtgattattc atgtgganct attntcacat tctttgnatt aactatnatn gtcctttna 660
 ggtntaaana naaagtttca ttcctacaaa agnnggtttt ggtccaaata accncgggtt 720
 ttcaagggtta accaatcntt gaaaaaaa accttnantt cnattntaaa aaatnaacca 780
 ttttaaaant tngccnantn ccanttttaa acattaaaa 820

<210> 4636
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (778)
 <223> n = A,T,C or G

<400> 4636

ttctaattgct	tggnttnaaa	ccctttttaa	ncccttgca	ttgctctttn	tgcaggatcc	60
catcgattcg	gagaggagca	ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	120
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	180
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccatta	240
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	300
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaacat	360
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	420
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	480
cmetaaagaaa	gtctaattat	atacagaaga	taaagctaaa	cgtaattatt	atttaaataa	540
aagctatttt	tttaaataaa	ttgaaatttt	tcatgatgct	actaatttgc	cactaaatac	600
tgcaaatggt	caccctgnat	ctcttctgac	attgggatgt	tatttgctta	tattcttata	660
attttttaat	gaaggcacag	tngaaatgga	aaattttatn	ctcnatgggt	cctgggtatt	720
tttaaatact	taaccancaa	aattttggcc	ttaantttct	ttttatatat	accncnn	778

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4637

ttnaaaatcg	cttggcnact	cgctctttct	gtnggatccc	atcgattcga	attcggcacg	60
agccaaaatg	gggtggggcg	cagtggctca	cgctgtaat	cccagcactt	tgggaggccg	120
aggtggggcg	atcacgaggt	aggagatca	agaccatcct	ggctaacacg	gtgaaaccn	180
ggtctctact	aaaaatacaa	aaaaaaaaca	aaaaaaacta	gccaggcatg	gtggcaggca	240
cctgtagtcc	cagctactcg	ggaggcagag	gcaggagaat	ggcgtgaacc	tgggagggtg	300
agcttgcagt	gagccaagat	cgtgccactg	cactccagcc	tgggtgacag	agtgagactc	360
cgtctcaaaa	aaaaaaagaa	aataggcaca	ataagtaata	catttctgcc	caagtaagag	420
ccttcccttt	tgtggatgta	atgaaaatat	cttcaagcac	tttataaata	aattatatgt	480
ctgatactag	ccttccattg	cctggatcac	atctgattgt	cctggtaatt	tgagaaaagg	540
gtagcccctt	ggtatggata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgtgtgctgta	aaatggcatg	gatttaagaa	gagaattggc	660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttggga	ggccaaagtn	aggctgcttt	720
gaccagaat	ttcagaccaa	cctggccaan				750

<210> 4638

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4638

ttnnnnnnnn	tnttcaaatc	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcgaggagag	agaagctcaa	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	120
attccagaga	aatgagtgta	atgggcacct	cgacctcccc	cagaatttgt	cagagatgtc	180
atgggttcaa	ntgctggggc	cggcagtggg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360

cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcatctggaa	cagaggagga	ngaggaaagt	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgcctg	gaacctggct	cgtgcttggt	accagaaggg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnttgac	cccgccttgg	attggaagaa	660
gccaaaagg	agaaccccc	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg	720
ggcannngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	780
angncacctt	gncntttggn	annaacancc	attccggngc	ttcntcc		827

<210> 4639

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4639

ttnnnnnnnn	tnttcaaata	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcggaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	accgggacaa	agcagttcca	120
attccagaga	aatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtgga	gagttccacg	tgtacagaca	tctgcgcggg	240
agagaataatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360
cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cggtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcatctggaa	cagaggagga	ngaggaaagt	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgcctg	gaacctggct	cgtgcttggt	accagaaggg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnttgac	cccgccttgg	attggaagaa	660
gccaaaagg	agaaccccc	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg	720
ggcannngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	780
angncacctt	gncntttggn	annaacancc	attccggngc	ttcntcc		827

<210> 4640

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4640

tnttttcaaa	tngattggct	acttgttctt	tttgcaggat	cccatcgatt	cggaactcag	60
aacactgagt	ccctatttga	tgttaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggttttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attcgctcag	tgctgcaggg	gagggcaggt	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
actttttaa	tttttattac	gaaaaatgtc	aaggaccctg	gaattacggt	gaggtaggca	360
ggataatggc	ccccaaagatg	cccgtgttgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcancc	cagggcagcc	ccatggggcc	ttaaagcttg	480
agagccttct	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag	540
ggccccgacc	tgcgtgctg	gccttagagg	aaggccccan	gantgtgggtg	gccccaaagc	600

agcttnggac	tggggacctt	cgtcccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc	660
cccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc	720
ttcacaaatt	gtnaagcctg	agggttttgn	gtangnaccc	atnaaaaaan		769

<210> 4641

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4641

tnttttcaaa	tngattggct	acttgttctt	tttgcaggat	cccatcgatt	cggaactcag	60
aacactgagt	ccctatttga	tgttaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggtttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attcgctcag	tgctgcaggg	gagggcaggt	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
acttttaaac	tttttattac	gaaaaatgtc	aaggaccctg	gaattacggt	gaggtaggca	360
ggataatggc	ccccaaagatg	ccgtgtttgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatgggccc	ttaaagcttg	480
agagcctttc	ctgctgagtc	tgagagatgc	canaagcagg	agaggttaga	acccgangag	540
ggcccgaccc	tgcgctgctg	gccttagagg	aaggcccgan	gantgtggtg	gcccctaagc	600
agcttnggac	tggggacctt	cgtcccaccc	tgcaaagaaa	ctggaattct	ggcanaagcc	660
cccattatgg	aggaaaaggg	aaggatcctg	cccttggcag	nacctttgac	cctntggacc	720
ttcacaaatt	gtnaagcctg	agggttttgn	gtangnaccc	atnaaaaaan		769

<210> 4642

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4642

ttatttgaac	cctnncccnt	tcaaaactcct	tgttcttttt	gcaggatccc	atcgattcnc	60
ttttccatga	ctccaggctg	tgctctctct	catgtttggt	cccttctgtg	cccatgggtca	120
ggagctattc	gggtggcacc	tngctggcca	ggctctcccc	agtcgtggca	cctccacaat	180
gtgaattttc	tgaatcccta	ttccaggatt	nctgggaata	atgtttactt	ctanaatggn	240
cctgntgtaa	accatctcat	cnagggtgtg	taaagccatt	gnatgatgag	gggactgcca	300
tggaaaaggag	agtttgttac	ttacggttct	gagaggagg	gccacatagg	aaagccccac	360
ggtgggtcac	aaagcggaag	gagggagggg	aacgtgtggg	cttgnttttt	ctngcacatc	420
tctgaagagt	tnttaatctt	cactcatcat	gtgccaagaa	gtgncatcat	aaaangaaat	480
atnttttttt	cctaggagca	gngttaaata	ctgggtcaca	ttcctgacca	aggacagcat	540
cctgccttnt	gcccattncn	ttcagttcac	aaaagctgac	attttaaaac	aatcatgact	600
cacacgtntt	aattgggtat	aaaaaatgtt	gnggtacacc	tggttagata	aaaacttaan	660
ggccacaang	gangggcccc	aaggtanncg	atgtcaagt	tgtnaaaggg	gcctggattg	720
ggccntggnn	aanggatatt	tgggcaaaac	ccaaaanttt	ttgngcccc	nn	772

<210> 4643

<211> 710

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4643

nnaacngaac	cttgcanttt	gacttccttt	acgcatncgc	angatcccat	cgattcccag	60
anatgcncac	cagccctgca	cggnagggttt	ttcctgaacc	tggtcatgg	atanagaanc	120
ncacgagggc	ataactgcct	gtccgngaaa	anccaagcta	nccnaccttg	gtcnnctttg	180
ntgtgnnncn	nnntntgcna	agntgggtgaa	aaagaaagag	atccngacca	nagaacttct	240
nnanggatgg	acntgctnac	tggggaatgn	gncgcccncn	ntacttgac	antanattcg	300
aaanngtgna	ggntacacga	cattntgacc	cgctcaaatt	gcagggctcc	tnacgcnacg	360
cttctntagc	tttctacgtt	tentntncnc	cacngtngac	gcntttcccc	gggaagntct	420
aaataaatgn	gtcccntnta	nnntntcgat	tcnatcgcta	tacagncncc	tgaanaccng	480
aaaaaatttg	cnggnntgtg	gtgcacgtaa	anggccnctn	ncngggaaca	gttattgacc	540
tntncgatgg	aaancanggn	tttaaactgg	ntcnnngngg	aacntgaaca	nactaacctt	600
cnagtcnatn	ttttttgggt	acggaanntn	taantgggct	nncttnanaa	tctctgatan	660
natggtagnn	gactncacga	ttaanctaca	atenttcttt	tngggggaat		710

<210> 4644
 <211> 1315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1315)
 <223> n = A,T,C or G

<400> 4644

anggnnnnt	ttttttnnnn	tttttttnnn	ccccnttnn	tctacnnnnc	gtgggaaaaa	60
aaaatcccn	cntttttttg	ggggaaaaaa	aaantcccc	cccccnnt	nncggnnn	120
nnttttttt	tgggggggnn	ngtnnaaaaa	nnngnnnnnn	nccccnnnn	nnnnnnnnnn	180
nnnnnnntgn	nnnnancngn	nnagnnnnnn	nnntnttnnn	nnnnnnnnnn	tnnnncnnnn	240
nnnannnnnt	ttgnngnngn	nnnnnnnnng	ggggnttttt	tttttttttg	ggnnanggnn	300
nnnnnnnnnn	annnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnngnnnn	nggggggggg	360
gnnnnnnnng	tttttttnnn	nnnaanngnn	nnngnnnnnn	ngngggggnn	ngnnnnnnnn	420
nannnnancn	nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnanannnnn	nnnnnnnnnn	480
nngcnggggg	gggggggggg	ncnangcngt	naggggancc	acgagnngga	ggngtggggc	540
cannatgtcc	ttngancgcy	tctgcnagna	acnctncgag	gatgancnan	agnnccannn	600
anggnncngg	ccagnntagc	ncagnnttct	nannnctaan	tgngcggatc	anggggnntn	660
tncttaatat	ngtgngggct	aanannatgn	atggngnnac	tgatggngaa	acanntctna	720
ncgtantncc	angtagtgaa	tgctggntta	ntnnntttag	nggntnanta	gcannngcgg	780
nnaacnnann	gtggntcntn	nannnnantt	gnnannngnn	gggnttcnnc	ntnngnagan	840
ngntntnagg	ngncnnnncc	ntaaagtccn	nnannangtg	tnaanctnn	ctnaancggg	900
tatannnnnn	ntnnnnnggg	tnnnngnnnt	cnnnannngn	nngnnannnt	gnnnnnagtn	960
tgngnntacg	annangtnna	nnancangnn	annnatgtgn	nntnngnnnn	annnannntn	1020
tctgaactcg	tacnnngana	ncnnnggttn	nngcctcaca	nngtatngta	ngctggnagn	1080
gnantatann	ntaagnantn	ttcntnnncc	antntntnnc	gtnaacgacg	atntnngtan	1140
ncnccnntaa	nngcntaann	gcanatangt	natagngaga	ttcctnagtn	gaccnagggn	1200
atgatatnaa	ngntcangna	nnnannntnn	nctntngact	anangagann	atgananatg	1260
gtnnctnctg	gnnnagnatn	tgatntctcg	ntgctcnena	gnaggntaac	acacc	1315

<210> 4645
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4645

ttgaaanncc	cnttagnnnt	tnnttnncnn	nctctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tcgaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgcctcttta	actcagttaa	gttgttctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttggnnta	ccttggnctt	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnntta	aatatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4646
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4646

ttgaaanncc	cnttagnnnt	tnnttnncnn	nctctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tcgaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgcctcttta	actcagttaa	gttgttctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttggnnta	ccttggnctt	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnntta	aatatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4647
 <211> 1427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1427)
 <223> n = A,T,C or G

<400> 4647

nntntnttng	gaaaaanttt	tccccctttt	ttactnntaa	nacctccggc	cattggccct	60
gggccagggg	gttcggggga	acnttcttta	aggnangggg	naatncccc	ccgggggttt	120
aaccgggga	ggcccttccg	gaaaatttnc	cgccccctt	taattaaggt	gggaagnttn	180
tntttatttt	aacaaaat	ncaacttggg	gcccggtccg	gtttttttaa	caaaaacggt	240
ccggttgga	cttgggggga	aaaaaaaaacc	cccttgggcc	ggtttacccc	ccaaaacttt	300
aaatcgggcc	tttggcaagc	caacaatccc	ccctttttcg	gcccagcnt	tgggcggtaa	360
ataagccgaa	aagaanggnc	ccggcaaccg	gaatccggcc	ctttcccaa	caagtttggc	420
gccaacctt	gaaatnggcg	gaaatnggaa	cgccgcccc	ttgtaagccg	ggcgccaatt	480
naanccggcc	ggcgggggtg	gttgggtngg	gttaacgcgc	ccaagccggt	nggaanccgg	540
ctttacaact	ttggnccaag	ccggccccct	taaaccggnc	ccggctttcc	ttttttcggc	600
ntttttcttt	ttcccccttt	cccttttttc	tttcggncce	caacggnttt	tcgggccccn	660
gggcnttttt	tttccccccc	gggttccaaa	aaaangggnc	ccnttttttn	ntttttttna	720
aaaaaaaaaa	aaaaaaaaaa	aanatcnngg	ggggggcctt	tncccccttt	ttttaagggg	780
gggttttccc	ccgnaaat	tnaaaatngg	gccttttttt	taaaccgggg	ggaaaacccc	840
nttttnggga	aaancccccc	ccnaaaaaaa	aaaaaaaaacc	tttttgggaa	anttttaaa	900
gggggggttn	ggnaaaatng	gggggtttttc	cnaaacccgt	ttaaaanttn	ggggggggccc	960
caaantttng	ggccccccnt	ttggaaatta	aannaaacn	ggggnntttt	tttttttccg	1020
gnccccccnt	ttttttggna	aacccttttt	tnggggaaaa	tttcccccaa	ccgggttttc	1080
cnttttttna	aaaaaaaaag	ggggggggaac	ctttnttttt	gggttttccc	cnaaaaaaac	1140
tttgggggaa	aaaanaaaaa	acaaantttt	taaaancccc	ccntttttnt	tttttttttg	1200
gggggggggc	cccnnaaaat	tttcccnttt	ttttttnggg	gaaaattttt	ttaaaaanaa	1260
aaaggggggg	ggaaaatttt	ttttttggnn	ccccgnaaaa	tnttttttcn	nggggggnccc	1320
cnttaatttt	nggggggntt	ttnaaaaaaa	aaaaaaaaatt	gggggggncc	ttgggggnntt	1380
ttttttaaaa	cccnaaaaaa	aaaaaanttt	ttttnaaaac	ccgccccg		1427

<210> 4648
 <211> 1505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1505)
 <223> n = A,T,C or G

<400> 4648

ttttttccca	aaaaaaaaaa	tttnggnccc	cctttttttt	ttttnaaaaa	aaaaaannnn	60
ngnccccenn	tttttnaggn	nnnnnnnttt	tttttnnnaa	aaatnanncc	ccccnntnan	120
nttttttttn	cccttaaaaa	aanagnaacc	ntttnggggg	caaaaaaaat	ccntccnan	180
aaaatttnna	tnccatacaa	ttaaatnnag	naanngnncn	nnaangnnnn	nnnaaannnn	240
nnnnnnaaaa	tntannnang	nnnnancnna	naannggnnc	ngnaaanngg	ggacaccnng	300
nnnnnttgg	nnggnttnaa	atgnccnnnc	cnnnnaaggn	ggntngtncn	aaannnttn	360
gnaannncac	attngnnnna	ncnanaaann	gnnnnnntnn	acctnaacan	tggggannnn	420
nnnnnnntnn	naanacnnca	tnananaaan	anganntgcn	caannnaann	aagngnnaan	480
annnatatnn	acnnnaagca	cnaacnncna	ncnanaaaaa	aaaccnngnn	acacntgnta	540
ccactcangg	ctngnacnt	tatgngnnca	atngatgnnn	annggncgca	ctacannnan	600
nngnnccaag	gnccacagan	ccacnaatca	nacntngtaa	tnaatgcan	cnnngncngc	660
aatannnaga	ccacnttnnn	natgacanng	caaanacngn	cannttanca	annggaangt	720
agtnacagta	acatanganc	ctnaantaac	ctatagcngg	gatnccagaa	ctaaaatact	780
ntanctacat	gnaacnttat	naataagaan	annggatnaa	atannatagt	aatgngnntc	840

ttanatnata	tctcacaaac	ncgatcntag	aaataaataa	atcgtagnan	ttntttatc	900
natanaanag	attcatatan	antnatatat	ctatataatc	antatataaa	caacatatag	960
nnntataaaa	anaaatacta	aaaantcaan	anntanatta	nactcnaaan	ngagggcaaa	1020
ataanncgna	gnanaatata	taagtnnnan	tcacatanat	nnanaaaaaan	atatacaata	1080
tanannaaaa	aananatang	aaaananaaa	anctaaatan	naacnnatan	atataaaaata	1140
tantcnaaaa	acaatatata	anatanaaat	cnanatntan	nganataaag	atnaaanana	1200
tnntntaanc	ntncnnacac	ataatntaan	ntaatnnana	aaantnanct	tanngntgan	1260
aanactanaa	anatchaaan	nnnatcaaat	atanggnnaa	naatatanaa	tatataacna	1320
atgngaaaca	ttcaaanact	annanatnna	naaananatc	ttaataanaa	atatananan	1380
ataanaataa	taagannnta	aanactaaaa	cacctatntc	taaagtcact	anatcattng	1440
nnanacanat	ctataatnna	annataaaaa	aatatgnnnt	nnnanaataa	tattntatcn	1500
annnc						1505

<210> 4649

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4649

ttantcatcn	ctcttggttg	antncntac	aactacttgt	tctttttgca	ggatccccatc	60
gattcgaatt	cggcacgagg	tgagccgagg	ttgcgccatt	gtactccagc	ctggggcaaca	120
agagcaaaac	tctgtttcaa	aaaaaaagaa	agaaagaaaa	ttacctggaa	ttcaatattg	180
ccatcggctg	atttaattct	aatatgaana	aaggggcagt	gtgatgtgcc	atggagcatn	240
cacaacctgc	catttcaccc	accaacctta	gaaagccatt	gaaaagagtt	gttttttaatg	300
gtgtttttac	atccagcttc	ccacacctca	aatacttggg	gtggaattgt	taatctcaca	360
ttgcagtaca	atgaaaatag	tggaaatggaa	atcaagttat	aaaatggagc	taaatatttc	420
ttctgcttgc	ctctgagttg	acaagatacc	ataagatact	gtacatgagg	ctgggcgccg	480
gtggctcacg	tcttatttct	tctgcttgcc	tctgagttga	caagatacca	taagatactg	540
tcatgaggct	gggtgcagtg	gtcacgcct	gtaatcccag	cactttggga	gggtgaggtg	600
ggcagatcac	ctgaggtcgg	gagttcaaaa	ccagcctgac	tgacatgnag	aaacccccctc	660
ttttctaaaa	aatcaaaant	agcccaggcc	ttggtggtgc	atgcctataa	ttncagctac	720
tcnggaagct	tangcangga	aaaaaaaaaa	aaatttccn			759

<210> 4650

<211> 917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (917)

<223> n = A,T,C or G

<400> 4650

ccnccntnnt	tcccccttnn	nnngtgggna	aaanaaccnn	cttttttgaa	aaaaaacccc	60
cccctttttt	tggnaaaaaa	cccccgttt	tacnanaaan	acnggncncg	aggggggganc	120
ccccncncc	ngggnnnggn	gngangcnnn	nactngncna	cnccacggcn	naacacncaa	180
aaactnggnn	gnngattnta	ttgagnggna	aaagggacga	nggctgngca	nagnnagaga	240
aanngggcna	gcccggnaac	gacgganggg	naaaaatatg	gggggnnnaa	ngacaaaagg	300
aggccctgcy	cnaanccgaa	ccatnannan	nccccacgtg	cccggcccna	ccnacgaacc	360
aannccctaac	agaancaana	tgnggcnggg	anaaacagnn	naggnaaaca	aggattcgag	420

```

aggangaggg gggaacaagc antngtgggn gangtnanan aacangggga ttttcnaatg 480
agaanaatgc anggcngaang natcncgctg ggnatggagg gnacttgenc cgccagatcg 540
cataaaacgc acgcaactgn gccacaaaca tacggangan tnggcaannc naaannngnn 600
gccccgantn acctgaggag gganctaang ctttgggaaa agaacaaaan acctnggacn 660
ggacaagggg gaaggatgaa cangaagacc cggaaacaag aggaagggga nncgccncta 720
aanntaaaca catccaaang cgnaaagggg aanccttngg ncnaannagag gaaacctgna 780
ccctnacntc caaacncngn ttttaagaaa gggggaaaac caaccnntga agcnantncc 840
ccccnnnggg ggnaaannaa cnacctgggc ccaaannntt tgaangaacn gananggnaa 900
acnaagggna atggggg 917

```

```

<210> 4651
<211> 1282
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1282)
<223> n = A,T,C or G

```

```

<400> 4651
agnnnnnnnn nattnnnnnn nnttttttga aaaaaccccc cttttgggna aaaaaanggc 60
ccccgagggn nattnnaat ttacccctt cntnnttgca aaaancncn ttttggggaa 120
aaaaccccc cacancgcn nnttttttng gngnaaaaa aggnancccg nnnnnnangg 180
nancanannn nnnnncncnn nggcnnanng nnnngngggn cnnngnnngn cnnnnnaaan 240
nnnnnnnggg gttttttnan nncncnnan cnannnnnnn nannnnnnnn ngnnnnngng 300
nncnagnncg ngggggggnn ncangnanaa nngggccnng nnnngnngn naanngnnna 360
gngccaanna cnannaaggn nannaangga cnnnnnnana nnnanangcc ncccccccc 420
canaacaagn acccatgacn nnnaatgacn aggnccctag naccanaaan ccaagccca 480
ngnananctg nncnaggcca ngaacaccag ccaaagaann gagcaccccn aaccacnagc 540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc cccantaagg 600
gcaaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaaggnggc cnanggccng 660
aaaaaagang cgnanaannc aagggaccan aagagnaaan naangnccca antcncannn 720
aannananag ngcnccccca accannaaga tcnaanccn ggggnannaa acnngancaa 780
tcgnncncnn nncncnannc ggnacnaaan anaaaancgg gnggaccaag nccnaaangc 840
angannanaa aanagntaca ngntcgnnca tnaaaacnan ancacngaa aancacacnn 900
caanncaanc ngnanannng gggagagnnc acnnaannga nanaaannac nacnaccac 960
anaaggngan cnacnggccn ggannnanac aananggcag aaaaangagn caccgcagna 1020
ancngcgana nngcgcnnc cnanaacggn agncnnaaaa gaaaganacn aannacangc 1080
anngacncac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana 1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn 1200
cnanacanac ngcatnannc acaacnatac ngacanacng canntgaaaa atnnggaann 1260
nanagaacgg agagnacaac cn 1282

```

```

<210> 4652
<211> 1282
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1282)
<223> n = A,T,C or G

```

```

<400> 4652
agnnnnnnnn nattnnnnnn nnttttttga aaaaaccccc cttttgggna aaaaaanggc 60

```

ccccgagggg	natttnnaat	ttacccctt	cntnnttgca	aaaanccn	ttttggggaa	120
aaaanccccc	cacancgncn	nntttttgng	gnngnaaaaa	aggnancccg	nnnnnnangg	180
nanctannnn	nnnnnncn	nggcnnanng	nnnnngnggn	cnnngnnngn	cnnnnnnaan	240
nnnnnnnggg	gttttttnan	nncncnnnan	cnannnnnnn	nannnnnnnn	ngnnnnngng	300
nncnagnncg	ngggggggnn	ncangnanaa	nngggccnng	nnngngnang	naanngnnna	360
gngccaanna	cnannaagnn	nannaangga	ccnnnnnana	nnnanangcc	ccccccccc	420
canaacaagn	acccatgacn	nnnaatgacn	aggncctagg	naccanaan	ccaagccna	480
ngnananctg	ncncaggcca	ngaacaccag	ccaaagaann	gagcaccccn	aaccacnagc	540
ncancnaggg	aaancagggn	caaaggncaa	aggnaactaa	ccaaanaacc	cccantaagg	600
gccccaaaaa	cctnggagcn	gcgagnanaa	nnaaaaangc	ctaaggngnc	cnanggccng	660
aaaaaagang	cgnanaannc	aagggaaccan	aagagnaaan	naangnccca	antcncannn	720
aannananag	ngcnccccc	accannaaga	tcnnaanccn	ggggnannaa	acnngancaa	780
tcgnncnncn	nncncnannc	ggnacnaaan	anaaaaancg	ggngaccaag	nccnaaangc	840
angannanaa	aanagntaca	ngntcgnnca	tnaaaacnan	ancacgngaa	aancacacnn	900
caanncaanc	ngnanannng	gggagagnnc	acnnaannga	nanaaannac	nacncaccac	960
anaaggngan	cnacnggccn	ggannnnanac	aananggcac	aaaanngagn	caccgcagna	1020
ancngcgana	ngcgcnncn	cnanaacggn	agncnnaaaa	gaaaganacn	aannacangc	1080
anngacncac	gancnananc	cccaaacnag	gnnanacnca	anacacntnn	ngcaganana	1140
accacnnnag	nacacncaca	cgctacaagn	gnatnanagc	nantatagan	antacanacn	1200
cnanacanac	ngcatnannc	acaacnatac	ngacanacng	canntgaaaa	atnnnggaann	1260
nanagaacgg	agagnacaac	cn				1282

<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnttttgttt	ttgcnaaaaa	aaaccnccnt	120
tttggggnaa	aaattncncc	ccnannnnng	ncccnantnt	ttgnnnnga	nnngaanangn	180
nnanannccc	nncnnnnnnng	nnnnnnnnnn	nnnnnnnanga	nnnnanaanag	gnnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnnn	nnnnngggggg	ggcnnatann	anannnnanna	300
aaaaannnnna	annaaaacca	nangggngna	nngnnaanan	acnnnnanaan	aannannnnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnnn	nacaaanncn	naaannngna	420
acnnnnnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnnac	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaanacaaga	tanatactag	anntanggna	caanagnaaa	aannannnnnn	720
cangctanga	gganngngnn	aaacgaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananacacn	aanacgaaan	caaaagaang	naccnncnan	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnnn	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnna	aangaanagn	tacgnanaca	anaaaaanaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaatc	acancc			1356

<210> 4654
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1356)
 <223> n = A,T,C or G

<400> 4654

tttgggggaaa	aaaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnntttgttt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncnc	ccnannnncg	ncccnantnt	ttgnnnngaan	nggaanangn	180
nnanannccc	nncnnnnnng	nnnnnnnann	nnnnnnnanga	nnnanaaanag	gnnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnngggggg	ggcnnatann	anannnnanna	300
aaaaannnnna	annaaaacca	nangggngna	nngnnaanan	acnnnanaan	aannannnnna	360
nnnanangga	aaanannnaa	nnaaannana	aganannnnn	nacaaanncn	naaanngna	420
acnannnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agnngaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaanacaaga	tanatactag	anntanggna	caanagnaaa	aannannnnn	720
cangctanga	gganngngnn	aaacgaaaaa	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaaangc	aananaacacn	aanacgaaan	caaaagaang	naccncnan	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnnn	cagacnannt	aaggacncac	ataangaanc	900
anagaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	agggcnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnaa	aangaanagn	tacgnanaca	anaaaanaaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnn	1200
anganaaanc	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannnacn	cgtcacaatc	acancc			1356

<210> 4655
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1326)
 <223> n = A,T,C or G

<400> 4655

ttttggccna	aaaaaaaaann	nnggccccnt	tttggggggc	cnaaaaaann	nnngggggccc	60
ccnnggnggn	gnnnnntnnt	ttnnnnngnt	tttnccccnn	nnntcttttt	ctngggnaaaa	120
aancccccct	tnntttgggg	gaaaaaaann	cccccccnnn	nngnnnnntt	ttttttgggg	180
ggnaaaaaaa	nnnnncccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	tttttnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnggg	ggggnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	420
ggggggggng	gngnggnggn	nngcnngngn	annggnngca	nngngngngn	nannggnngg	480
gnnnnnnngn	annnnnncnn	ngngngnnng	nggnnnnggg	ncnannnnng	cnnnnnnngg	540
gggnannngn	nnnnggnann	nnannnnngg	ggannngggn	cgngngngnn	nnngganann	600

nnngnngnan	ggannnnann	annnnnnnng	gnanccnnac	nnannnnnnn	nnngnccggga	660
ancnnncnnn	ngnnncnnng	acnnggggnn	gnnnnnnnnn	nnnnnnnnng	aanggnnnnn	720
nnnngnnnnn	nnngannnnn	nnnnnnnnng	gncnnngncc	nnngaagnng	nnnnnnngnn	780
nnnnnnnnnn	nggggggggn	nnnnnnnnng	nnnnnnngnn	cnnnnnnnnn	gnnnagnngc	840
nnnngnnnnn	ggnnnngcnc	nnnnnnngnn	nannnnngnn	nnnnnnnnnn	nnnnnnngng	900
gnnnnnnann	nnnnnnnnng	nnnnnnngnn	nnnnnnngnn	nnnnnnnnnn	nnnnnnnnnn	960
nnngnngnaa	gnnnnnnnnn	nnnnnnngnn	gnnnnccgng	ngnnnnnnng	nnnnnnnnnn	1020
nnnngnnnnn	nnnnagggnn	nnnnngnnng	nnnnngngnn	nnnnnnngnn	nnnnngngnn	1080
nanngnnnan	nnnnngnnnn	nanncacnnn	nnnnnnngnn	ncgnnnngnn	ngnnngnnnn	1140
nnnnngngnn	nnnnnnnnnn	nnngnnnnng	nnnnnnnnng	cgnnnnnnnn	nnnnnnngng	1200
ngnannnnnn	nnngggannn	nnnnnnnnnn	ngnnnnnann	nnnnnnnnnn	ngnannnnnn	1260
nangnnngnn	nnnngnanng	nnnnngnnnn	nnnnnnnnng	nannnnnnnn	annnnnnnanc	1320
gcgncc						1326

<210> 4656

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (868)

<223> n = A,T,C or G

<400> 4656

gnnnnnnnnn	nnnnnnnnnn	ttttgggaaa	aacncccttt	gggnaaaann	nccccggggn	60
ntttgaaann	ccctcctccg	gaaanccctt	ttgggaaann	nnccccnngn	cngttgggan	120
ccnancgacc	cgaatncggc	acgagccgag	gaccagcgca	gcgaggagaa	ggctncagcg	180
ngaggccaac	aannagancg	agnagcagcn	gcagaaggac	aagcaggncn	accgggccac	240
gcaccgcngn	ngcngcnggg	ngnnngggga	acncgggnaa	agcaccanng	agaagcagat	300
gaggagccgg	cangtgaatg	gggnnaangg	agangagaag	gcaaccagan	nagagnggac	360
tncattctga	gngagangaa	cgngccngac	tntgacncac	ctcccgaagn	ctangagcat	420
gccaaaggcnc	tgngggagga	tgaaggagng	cgagcctgct	acgaacgcgc	caacgaggac	480
caagctgatn	gacngngccc	agngctncng	gacaagaacg	acggggagta	agcaggccga	540
cnangagccc	gagcgaacag	gacccggnnc	gctgccatgn	cngactnccg	gaanccangg	600
ggaccaagan	ccaggnggac	aaaggcaact	gccacanggg	ncgacgnggg	anggccagcg	660
cngaagaang	ccgcaagggg	gaacccaggn	gctnaaacgg	aaggggaact	ggcnancagn	720
nnnnnggggg	gggccagcag	cnacnnacca	acanggggca	anccgggaag	ggaaaaccan	780
gancaacgcg	ccngnangga	aggnaccgga	accnnngnana	agaagcaann	ngggaacaac	840
anganggggn	ngcanancca	tcncnncn				868

<210> 4657

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1319)

<223> n = A,T,C or G

<400> 4657

cccnaaaaaa	aaanangncc	ccttttgggg	gtcaaaaaaa	atccccggcc	caattnttnn	60
nnnnnttttt	tcaaaaanaaa	aaaccccccc	tnacnttttt	tnccaaaaaa	aanccgcccc	120
tttgggggga	aaaaaaaacc	ctccncaaaa	anncnngnnc	tncaattcaa	naccnngagg	180
gnnatnnngc	cccnaaaana	nnccnaaang	ngnnncanta	gnnnnaaana	nnngannnnn	240

nncncaatnn	nggngngncn	nnanacnnnn	nnnnngngcn	nannaannan	acnnnaaggg	300
gggaaantnc	ntnnnnnann	annaaaggg	gnnnnccaaa	annnnnaan	nnngnggnaa	360
nananannnn	gnagnacnng	aaaccncnan	antncnnnnn	naannacann	naccnannan	420
ancnnnnncan	nnnccnnnnn	naanannann	agnaaangnn	annaaancga	ganancnaaa	480
cnnnnanana	acccacannc	accagaacac	ancagnacag	ncaaancntc	acatananaa	540
angtgcanta	cnnnatatc	ccgacacann	ccnanagacn	aaatacaacn	gatnnacnca	600
nnanannacc	nancnaaaaa	acaancacaa	ancaangana	aaanaacann	naacgacact	660
aanaagcaca	nancgngcc	nacaanaccc	nacacaaacc	nnacngccaa	nnancnaaaa	720
ctaaaacnga	atatcacnna	cacnnnnnaa	ctnncacaaa	aacnaccacc	ngnaaaaaacn	780
nnnngnaaag	gngncancaa	atngaaaaaa	cnaaaaaaan	nnnaccangc	acannaaaaac	840
nnntnnacna	tgacanacaa	anaaananac	nntaaaaann	aacaannaca	acncnaacan	900
nttaaannc	aaannatanc	ccgcagcnaa	attaatangn	nanancntca	canannaaan	960
naacnaaccc	cantgtanan	aaaccncaat	ancaccacna	natanncaaa	ggtaangana	1020
aacccanaaa	naccanatat	naaacaagcg	ncaaaccana	acnngaccca	tccaannatn	1080
cnaacacaaa	naaanatatn	catnaaacac	acacaanacc	acctcnnnaa	nnnacntacc	1140
ntanaaacat	ncaaaanctn	natngacacn	nacaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nncnagaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncnntc	nancgcggga	gnnaaaaata	anacacanaa	acacacnca	1319

<210> 4658

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1088)

<223> n = A,T,C or G

<400> 4658

gaggnttttt	tccaaaaaaa	nnccccagag	ggnnnatTTTT	tgcaaaaaaac	gccnttttgg	60
tttacaaaaa	nccgcttttt	gggnaaaatt	ttngggccng	naaaaagnna	ttntntngga	120
nnnanaanaa	nnnnnaann	ganggganan	naaannann	annnnnaann	nannnnanag	180
anaanaggg	gnnnangnna	ntttttnnnn	nannganggg	ggaannann	acnanngggg	240
nganannann	nnnannnnnn	annngggngg	gnnnanann	aannangngg	gnaganagan	300
nnannnnngn	nananaccnn	agnnnnnnna	ganannnnaa	naaannccnn	annnananaa	360
gaaacanaag	nnnaaaanac	aggaaaaaaa	aaganaaaant	acngnaanta	anacaaaaaa	420
aacaaaaacna	ncatngnanc	aggnananag	tagcaanaac	nganngaagg	canaagagag	480
aaagnentga	cnaaaagagga	ngagntnttt	naactaagan	agagannnac	ngaantgnaa	540
acangaancn	natganaaaa	aaggntnnga	canaagaaga	angcnanaca	nnaaaangan	600
ngaagnatga	aagaaaaann	naaagcntng	gnanaaaaaa	anagagatna	anaaaaaatn	660
aaaagaanag	aannaacnna	atntcngnna	ancncgagaa	aatgggnnaa	gaaacangaa	720
naanatacaa	gaacnaaaga	nagnncggaa	anaaganagg	nanaaagaac	nanatataan	780
nganaagnta	nacanggata	acangnagat	ganaangagn	acannanaga	nanatgnang	840
ngacnanagg	gagantaaaa	anntaagnna	nnaaananan	aagcnannga	gannnnaccn	900
gnanacgggn	annacataac	anactnann	nanaaaatac	nnnaaaggga	gananacgca	960
naatnnngca	naannannan	anaacgaaga	atangaagng	annncaggan	agatagaaan	1020
anganntaga	acngaaanna	aantnnncaa	ancaatnana	aanagncann	gnacatanaa	1080
aacaacnn						1088

<210> 4659

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1267)
 <223> n = A,T,C or G

<400> 4659

agggttttttt	gcaaaaaaaan	ccccccnttt	ttggncnntt	tttgcnaaaa	aanncgccctt	60
ttgggttttna	aaaacacccc	cctttttttgc	nnaaaattat	acgcncagtn	annatgnnnn	120
ntatnnnnnn	nnannnanaa	nnnnnnnnnn	aananaannng	ggngnnnnann	annnaaanna	180
naannnnnnn	ttttntannn	angnaaatan	nnannnnnnan	atttntttnn	annnnnnnnnn	240
naannnttnn	tntnaaaaann	ggngngnana	nnannacnna	nnntnanatn	nnaananaann	300
nnnnnnnnnn	tanngaggng	annnnnnana	naanngannn	anaannnnna	nnancanaat	360
nnnnaaanant	nnngnanaaa	naantaanan	nnacnaatca	naannnaana	nnnannnaaan	420
nnannaataa	nncaaaaaaa	aagccanann	tatannaaaa	cntcaatann	cgtanaanaa	480
gaanatnacn	natannaana	naanactacc	aaaactnaaa	annnnaatnc	atatcnaana	540
taactannaa	nngaatanata	nancaganaa	nnnagnanna	atnntannan	naaagcannn	600
ngnnaaanacn	tcaagcntag	antanntaca	aatacnmnaa	atantaacnn	nanananaaa	660
anaannnnnn	naacatncna	agannnnana	acaaanaann	gnacaannan	taacnannan	720
anaaananat	ataaacanna	ananannnaa	taaataaant	atanataang	ngntcanata	780
ttnaagacaa	ncnaantaaa	cntnnancat	nancgaacta	taaatagaan	nganatataga	840
nataaanatna	mntanaacnc	natatatanc	nagtanaatn	nanancacta	nanatacnan	900
nanaaaantcn	tactanacan	naacanctnn	aactnanann	antannnagn	aacacncata	960
nancgannna	atancnctna	anntnnanna	ctctgaanaa	annacanata	aataactata	1020
nangctagnn	acantncacn	tagtannnaa	tatntanana	ttcnctanat	ananntntan	1080
atcactacgn	actcanacat	anaaannaag	tcttanagan	aaatatcact	caanaannna	1140
ngggncacta	tntanncatn	anncanaata	nnncancata	tannacanat	aaantnnana	1200
tcnnaangat	naaatntnan	angacnanac	anatangtnt	atnnctaanc	tgtaaataca	1260
ncacgaa						1267

<210> 4660
 <211> 1235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1235)
 <223> n = A,T,C or G

<400> 4660

gtttgaaatn	cctttgggnat	ttctaattgct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggtt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntatttnn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgtntta	aannganata	atantntttt	300
naatttttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattntntann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttntattttn	420
ttnctnnntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	attttnannt	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atttatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnttatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nntttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gngantttatt	tnnttggtata	840
taggattact	atnttatgat	anannttctt	tntataatna	aatatnatan	tgagggtntn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020

natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4661

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1235)

<223> n = A,T,C or G

<400> 4661

gtttgaaatn	cctttgggat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgnttta	aannganata	atantntttn	300
naattttacn	atntagana	ttnatnggtg	aaactttatc	atatgntnna	aattntntann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttntattttn	420
ttncntntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atnttntant	anaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatngna	nattataatc	atntatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntntntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nttttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nntcnngata	cctatntgta	tnncatnaca	tattatatng	gngantttat	tnnttgata	840
taggattact	atnttatgat	anannntctt	tntataatna	aatatnatan	tgagggtntn	900
ctttntacag	ttgtannnta	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnattttatat	atattaagan	tgtaagattn	natnaagnag	taatcann	atatagtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaatgnatc	1140
tatnatnnac	mntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4662

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4662

tntaatttna	tnctntannc	cnttcaactn	cttggtcttt	ttgcaggatc	ccatcgatcc	60
gaattcggca	cgagatgagc	ccatgaactt	ccccagaaac	tcattgtctt	ctatttccgt	120
aacagctcct	aaccactagt	cgggctttgc	acacagcgac	ttctccgtaa	atgttgactg	180
cagggcagaa	agaaaggcta	aaagtcttta	ggagaatggt	tgcccttgca	tgtatatgct	240
ggcgatgcta	ataagtccca	gctagacctg	gcagtgagta	agttcagggg	tggaatttta	300
atnttcttgc	tattagtaaa	acaaacagta	ggtgggatgg	gtggtaagct	taaatactct	360
tgaacgcgca	tttaaaccat	ccatcccacc	tgtgggttgt	ctgcacctgc	tcttttgttg	420

cggtgggtct	cctaatttgc	ttttcagtc	ctttcatctt	atcattgttc	tcaaaggcac	480
cgctctgcaa	accacataaa	ggcctttcaa	cttncgctgc	attttgtttt	attcagccaa	540
ttgactagta	ctgtcagcta	attggattgg	aaatgtaaaa	tgaaagctgt	attattcaac	600
tgccaacctc	ctcacttggc	anggagtggg	tgatgctggt	aattgaccan	aagtgtatt	660
gctctgggtc	tgccctctgga	tttaacaatg	aaccctggga	gggctttctn	tganaacatt	720
gatacctgct	tttttttttt	tcccnggggn				750

<210> 4663
 <211> 808
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4663						
gttnnnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atcccatcga	ttcgacttaa	60
aaataggttt	gttgtttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtgga	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	240
tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tcataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctggtttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgetggac	tcttgetgat	ggctgctaga	ttttaattta	tttgggtccc	600
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttgggttgc	ttttggtttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaang	gnnggaataa	720
aacattaatt	ttngncccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggnc	cttntaaa				808

<210> 4664
 <211> 1008
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1008)
 <223> n = A,T,C or G

<400> 4664						
cegcncncnn	cnnngnnnnn	nannnnnnng	nnnngnnnnt	ttnnttttcn	anncctttca	60
gnccttggtt	catgatgcag	gatcccatcg	attcgaacnn	gcacngtct	atcncnnngt	120
gaagcactac	cccngntacg	ggttncacca	tgcttgggca	gntnggccat	gggcccggtc	180
acgaacanaa	cgggcctgga	cgctcgcgcc	ctggccgcag	atacctncta	ctaccagggg	240
gnngactccc	ggccatttat	gaactcctct	taagaagacg	acggcttcag	gcccggctaa	300
ctctggcacc	ccggatcnag	gacanntgan	gancaagngg	gggtcganac	ntnngggaga	360
cggagtgtgca	tagacgcang	gggagaagaa	attcataacn	ccccggncn	aacaccncna	420
aggacagcag	tcgtttttnac	cccngtgcan	ccggttctcg	gtccnaacag	agggccacca	480
cagnatncnc	cacanttcta	tattanggag	gaanancggg	gaaagaatgt	anaattttga	540
anaataancc	tactgggtgg	ccaaaanaact	gnngccgacn	cncttgcntn	gtgnnaaagc	600
gncnttgga	ngattnctng	aaatttnntt	tggttggttg	ggnaggnncc	ccccntccca	660
tttgccncgn	cgggttgga	aggggaaatt	tcctttcctt	tcacctcan	tatnaaaagg	720

ttttncctgg	gagntngaac	tttcggggggg	ttaaaaaanc	ccattgtggg	ngcccaataa	780
anccangacn	ccncttaggg	ggggaagncc	cntnccgggn	ganntnctgt	tccanaacgn	840
gngggncngt	atctttntgt	gggncttntt	tcnaaccnat	tttgggggga	ggangcnggg	900
nntaaccctt	ggcaaccncc	cggaaacatn	gggtgatgtg	nnaaaacatt	tncggatgca	960
naatattttg	gcncccgggg	ggngccnnan	tatatattgng	gannagcc		1008

<210> 4665

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4665

ccnccnnaann	acnnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnnang	cgagnnancn	gaanangacg	cannnnnann	nngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggagannnct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncaannta	nannagnanc	ganncgcgca	660
nancncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnganan	720
acangnnnan	cncancanan	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncacagnann	angcntnang	acncacnnna	cacacncgen	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnnccaccgn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacngga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agccngcacc	ancnctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacncctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tccnnnnctn	atcnnacagaa	1680
ntnctnncn						1690

<210> 4666

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(839)

<223> n = A,T,C or G

<400> 4666

tttgaaaacc	tttnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	nangganncn	ncangatcct	gganggnctn	cnetggncga	gaccaaggaa	120
aagcntcggn	cgatnggngn	cccaatgcan	ggtgatgggg	atggcttnna	nnctantgnt	180
gnnccnatat	ccannatnan	gctggtgcat	aangnantcn	nnnnccctaa	nnncgcngaa	240
nnntggncng	atnttgntcn	ngacnntgtg	nnnttnnatg	tnnacactgt	nnttnnnaac	300
nntgttcggn	ccnncnangc	tgatnntgac	ctggncaatg	acctgctgtg	gnantgctgg	360
nttcactgnt	cangtgacta	tattnatcca	tacannacca	attnaccttg	ctcatatcat	420
ccntagnntt	gnattgccac	tcgngattnn	attgcantnc	aangcnnanc	tttaactann	480
ngggatnata	aatnntccgc	ccntttnttg	nnanaaaaaat	cttgnaaagg	aanagcccnt	540
tacacttgta	aggaaattnn	ggccccaacc	tnagcaaata	gcatanaaaa	ggttggcngg	600
ncangtcena	tanaaanctt	nnangannat	tgtcaaaaaca	nntnnacctt	tctggncatg	660
aatcattggn	tggtgnttnt	agactnccaa	gagnttgggg	nggntntttt	tcaaaaaant	720
tttananaga	acntttgcnc	ggaactgttc	agngggcaat	caactttttc	ncggnaaggc	780
tttagactgc	taaaatggan	ttnttncct	tataactgcc	ancccaaata	tttatncct	839

<210> 4667

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4667

gnnnnnnnnnn	ntntnaata	tacagctctt	gttctttttg	caggacccat	cgattcgctc	60
angcnggngc	ctccttcccc	agntttgntg	cctgagtggg	accagtgcnn	acncacagnc	120
cggaaaaggc	gcatctaacy	cntnttnagg	ctnnggtaac	tgcggaacaag	ttgctttnac	180
ctgatttgat	gatacatntc	attaagggtc	cagttataaa	tattttgcta	atatttatta	240
agngactata	tgaatgcanc	tncattnacc	agtaacttat	nttaaataatg	cctagtaaca	300
catatgtngn	ataatntcta	gaaacaaaca	tntaataagn	atataatccn	gtgaaaatnt	360
gaggcttgat	aatattaggt	agtgacaatg	aagcatggna	gaagctgtna	cagattacat	420
anagaataat	gaggagatta	tgatggaacc	ttaatataata	atggtgncag	cgattntagt	480
tnaatattcg	atactggnat	ctatctgctg	tatatggaat	actttttaatt	caaacgctga	540
anacgaatca	gcatttagtc	ttgccaggna	cacccaataa	tcagncatgt	gtaatatnca	600
caagttcgtn	tctgtttttg	gttatnttga	tggtnggttt	gtgntttttg	tttaagttgc	660
atgagctttn	tgcnngaaat	antcactcat	cccactccag	ataaggggnt	tagtcatnag	720
aaagtctgtc	tgngtgatga	tggtacggg	gccaatcttt	ntcccccttc	tggttaatat	780
tcattacatt	tctatgcenn	nnnaggancn	natccataac	tttancttaa	ngtncacatt	840
ggnatttt						848

<210> 4668

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4668

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnnnnn	nngaangann	120

nnnnncncgng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnnncacagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgngnan	720
acangnnnnan	cncancanan	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncacagnnn	angcntnang	acncacnnna	cacacnccgn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncaccgcn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngentncaca	cgnanaanaa	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcggnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnnancagc	agcncgcacc	ancnccctact	tgentactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	cnncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nttatactaa	cnanananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tcnnnnnctn	atcnnagaa	1680
ntnctntnnn						1690

<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4669

ttttcataca	gctcttggtc	tttttgccag	atccctcgat	tcgaattcgg	cacgaggtga	60
ggctctctta	aaaaatttaa	aaatactgaa	gaaacaaagg	gaggagtgtg	tagaatctgg	120
agtggaggaa	acttctgtgt	caccaaacac	agaaaccatc	aaagaaaatc	tttcacttcc	180
aaaattagtc	tatagaaaaa	aaaaagaaaa	tcttaaccca	aataagagac	tgaggcaaga	240
gcttcaatca	atcgagggtt	actgagccag	agttggagcg	tgccaggaaa	gcaacacaag	300
tcaaagaaac	gtctgtggcc	tgtgctctcc	caagaagttt	tcaggaggct	caatatttgt	360
acatttcttt	aaagggggaga	agacagttag	gcaaattggt	atgtttttgt	gagactctta	420
attagtgtcc	cgtaaactta	agctatatgg	aagatagggt	gaacactgga	agaacagggg	480
gtaacagaag	accaattatg	cagaggtctc	agggttaggt	gaggaatgat	tgatctcatc	540
ttatccttgt	ctgcacctgg	gcagatnaac	tttgtaattg	acattgtcag	tgtgaaattt	600
acaagacttt	tgggttttagg	agtttaggtt	agggttgccag	acctaaagt	gcagttgaca	660
tgtnccttgt	ttataggagg	atntccatnc	tgaaagttta	gggactggcc	aanaattact	720
ggtgagcaat	ttgtgantgc	ggcncgtggg	atcatgange	tttttgccct	tttgngggat	780

<210> 4670

<211> 712

<212> DNA

<213> Homo sapiens

<400> 4670

gttttagagc	agctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	gcacgaggaa	60
ctagtctcga	gttttttttt	tttttttttt	atgatattac	accatagggt	ttattaacga	120
taaagtgttg	cattactttt	aaaagcttag	ctcttactaa	gcattcttta	acaaaagcta	180
ataagcaaga	aatcatttgc	catacgga	ctatattcac	aaacaagact	ttaatccaat	240
attgaaagct	aaagaattag	aaaaaataca	aaacactgct	atgagtcaat	tgaactgcta	300
tcattgaatt	tgctgcattt	agaatgacat	aaacatactg	aacataaaaa	caatttttatg	360
gattttattct	ataagactag	cattaagaat	gacatacaat	ttgtgatttc	ctttaaaaaat	420
aatttttttac	aacagaatcc	atgtgaacaa	agggctcttt	tttccctcca	tttgaggggga	480
agacaatcta	tgtttcccaa	acagatcctc	ctttcatact	aaaatagcaa	actgtggcct	540
cgatctcctc	ttcccagatg	ctacttatag	atgactttgc	ataataactt	aattagaatt	600
acttttctgg	taacagtgtc	acggccataa	ataatcagtt	tttaaaaaaac	aaacatcaag	660
ggcaaatcta	gaaaacttcc	tttaaaggaa	ttacccaaac	ccagcacaca	tg	712

<210> 4671

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4671

gtncctnta	aaaccttttt	tanaatctnc	ttgttctttt	tgcaggatcc	catcgattcg	60
ttcatatttg	aagaattaga	aatgaagtcc	gttcagattc	tccaaagaac	ctccagccac	120
tggtggggga	cattcttaat	tcacattcct	atcagttggg	atctcctgtc	cctgaagaca	180
ctgatgaggc	ttgggaggag	aatcccacct	ttccctgcag	ggggtagggc	tgggcagggc	240
agggagggtga	gggcgtggg	ccagaacact	ggcaagggat	gggaacctaa	cttcttctgt	300
gcttctgatt	tgcccttgca	ggtgtttttc	caggtctgac	cacctggccc	tgcacatgaa	360
gaggcacctc	tgaggagca	gagaggtgga	tcctgtaggc	taaaaggctt	ccaggctgag	420
agcccggccc	gtggaaggag	ggatgcatgc	tttattaagg	ctcttggttc	acctggcagt	480
gtactgtatc	aacgtataat	acagaaaaaa	aatctcttta	aggtcctcct	tcacaaagac	540
atagagtga	actcccttta	catgtcagta	tttgttcaac	actttaggca	acttgactgt	600
cagtgttaaa	atggaaaaca	ggaaaatgga	aaaatctgac	caattctgcc	ccttgagact	660
ttcatataga	ccttgcacaa	caattgtata	gatcacacac	cggcttgat	ttaatatgta	720
acattttcnc	acatnttaa	gatccagaag	ttttaaaaaa	cccccaatgt	taatgtattt	780
gc						782

<210> 4672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4672

gagccnttga	ancctatnta	caatctactt	gctctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	gaaaaaacct	cctgggactg	ttgcaaggat	gaaatgaagg	attgagggat	120
tgagggattg	ctgagctgga	gctccagggt	tcctatcttt	ctcagtgggg	tggcacggag	180

cggggcccgc	tccctcttct	ctccaggcag	gtggggctgt	ggttatgcca	tagggctctcc	240
cttccctcca	gcccattgcca	gaggagcttg	taactcttta	tcctcatggt	gcccactacg	300
agtcatactc	ttccccatgc	tgctcattct	cctggggccc	atccactcag	ccaaagcaga	360
atgcagggtt	tcctgacctga	caacccttct	cacctcccaa	gtcccacttt	tgaacaagct	420
gatgattctg	aaactggccc	aatttcctaa	caagccggat	gcttgagaaa	cctacatttg	480
gacaatgaga	ggctgctcct	gcngcctgcg	ggccacctcc	tcttccttgg	ctcctgcttt	540
cttttttagac	tatatcaacc	tacaacttta	ctcgggaaga	gggacagggg	tggacctgag	600
tttcgtctcc	tgtctctctg	gctgatgtca	cctgggaataa	agccttcttn	cctggccaaa	660
naaaaaanacc	nnnnnnanaa	ntacttcna	gcctctanaa	ctatagttag	tcgtattacg	720
tnnaanccaa	cttgaataag	anacattgat	gaattttgga	ncaanccnca	actntgaatg	780
ct						782

<210> 4673

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4673

gnttnaganc	aggctctgtt	ctttttgcag	gatccatcga	ttcggtttcg	gcantctgggg	60
tnngnactgt	tgataggang	atgtnttaag	gaaatgctaa	aattgggcac	cctgccccca	120
acttcaaagc	cncagctgtt	atgccanatt	gtcanntnaa	agatatnacc	ctgtctgact	180
acaaaggaaa	atntgttgng	nncttctntt	accctcttga	cttnaccttt	gtgtgccccca	240
cggagatcat	tgntntcagt	gatagggcng	aanaatntaa	naaactcaac	tgccaagnga	300
tnnggagcttc	tgtggattct	cacttggtgc	atctagcatg	ggtcantaca	cctaagaagc	360
aaggaggact	gggacccatg	aacattcctt	tggtntcaga	cccgaagcgc	accattgctc	420
angattatgg	ggtcttaaa	gctgatgaag	gcctctcggt	caggggcctt	tttatcattg	480
atgataaggg	tattcttcgg	cagatcactg	naaatgacct	ccctgttggc	cgctctgtgg	540
atganacttt	gagactagtt	caggccttcc	aggcactgac	naacatgggg	aagtgtgccc	600
agctggctgg	aaacctggca	gtgatccatn	aagcctgatg	tccaaannag	caaagaatat	660
ttntccaagc	ngaagtnagc	gctgggctgg	tttantgcca	ggctgc		706

<210> 4674

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 4674

gtttaatcag	ctcttggtct	ttttgcagga	tcctctcgatt	cgaattcggc	acgagtattg	60
gtttgtagaa	atgctactga	ttttgtacg	ttaatttttg	tatcctgaaa	ctntactaac	120
gtcatttatc	aggtcttttg	gagggattgt	tagggttttt	ttaggttttag	aatcatattg	180
tgagtgaaca	gagataattt	gacttcctct	ttttctattt	agatgccttt	tgtttctttt	240
tcttgcccga	ttgctctggg	taggacttca	gtactatggt	gaatagaggt	ggtagagagt	300
ggcatccttg	tcttggttct	aggggggatg	ctttcacctt	tgcccattca	gtatgatatt	360
ggctgtgggt	ttgtcataga	tggtctttat	tattttgaga	ggtatgttcc	ttcattgcct	420
agtttggtga	ggatttttat	catgaaggga	tattggactt	tatcaaagtc	ttttctacat	480
gtattgagat	gatcatatgg	tttttggttt	taattctggt	tatgtgctaa	aactattccc	540

caaaatcaaa	gagaaaggat	ttctccttaa	cacattctac	gaaaccagta	tcatacctgat	600
ccaaaatctg	gcaaggacac	caacancana	aaanaaaaaa	aaaaaactng	gccttttaaaa	660
actttngggg	ngccnnnttn	cgnaanatcc	nnnncttgat	nagatccntn		710

<210> 4675
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

<400> 4675						
tttgaaanct	tttatacan	tacttgttct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgaggtgg	ggacgagccc	tccccatcct	gagtcacacag	ggagatccac	agctcacgga	120
gcctggccgc	ggacccctcc	cacccttgcc	ttgccggccc	ctgcacattt	aggatatgct	180
cctgggtggg	gactgggctg	tgcccagggc	ctctgtcccc	caggatgtct	tgtggtgcgg	240
gtcgcccggt	ctgcccccca	gggcaccccc	tggtgtaggc	actggctagg	gaggggcagg	300
cctccttct	gccccctcag	acactccttg	gagatgcatt	ttcctgtctg	ctcacagggg	360
gaggggtgag	ctttgcaccc	cacccttgnc	cangccactg	tgatggtggg	tgctgctgaa	420
cccccggggc	agcaggagcc	aggcangtga	tgtctttgtc	tcggctccca	cagnagaacc	480
aggtgagggg	gcgcctgcca	aggccanaac	catgtggggc	aaactgaacc	ctgttccnct	540
gtggcggcac	gccccgatct	tttacacact	ggtgaccctn	anaaaagatg	taagatgnaa	600
cctggccggg	gtttnttnan	cccgactttt	aanttgnccn	tncaaaccct	tggtttgaac	660
ttgggtctgt	ttacctaana	aagtcccaca	aggtgcctta	ttntntnggg	ttnttttnna	720
naancncnt	tnnnnngnna	nnnttttttn	natttnnnnn	aaaanatnnn	aaannngnnt	780
tt						782

<210> 4676
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (808)
 <223> n = A,T,C or G

<400> 4676						
gttnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atcccatcga	ttcgactaa	60
aaataggttt	gttggtttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtggg	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattegc	ctttgtcttg	240
tacttctgtg	ttcatTTTTT	TTTTTTTTTg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tccataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctgggttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgctggac	tcttgctgat	ggctgctaga	ttttaattta	tttggttccc	600
tacttgataa	tattaaggga	ttctggattt	cagggtttca	tttggtttgc	ttttggtttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaatth	gacacaaaang	gnnggaataa	720
aacattaatt	ttgngcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggn	cttntaaa				808

<210> 4677
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4677

gntctcatnn	tgnnaggctc	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggtgcgac	gaaggagtag	gtggtgggat	ctcaccgtgg	gtccgattag	ccttttctct	120
gccttgcttg	cttgagcttc	agcggaattc	gaaatggctg	gcggtaaggc	tggaaaggac	180
tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtgggcccga	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtgggcccg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtggtgn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	540
aggatgcctg	gattcccttg	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tggaaagttaa	ttagctttcc	accaaccaa	tttctgct		708

<210> 4678
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4678

gttnnnnnntt	tgaatccctt	ngctctngnc	tttttgcagg	atcccatcga	ttcgcactaa	60
aaataggttt	gttgtttaag	aagacacctt	ctgagtattc	tcataggaga	ctgcgtcaag	120
caatcgagat	ttgggagctg	aaccaaagcc	tcttcaaaaa	gcagagtgga	ctgcatttaa	180
atttgatttc	catcttaatg	ttactcagat	ataagagaag	tctcattcgc	ctttgtcttg	240
tacttctgtg	ttcatttttt	tttttttttg	gctagagttt	ccactatccc	aataaagaat	300
tacagtacac	atccccagaa	tcataaatg	tgttcctggc	ccactctgta	atagttcagt	360
agaattacca	ttaattacat	acagatttta	cctatccaca	atagtcagaa	aacaacttgg	420
catttctata	ctttacagga	aaaaaaattc	tgntgttcca	ttttatgcag	aagcatattt	480
tgctggtttg	aaagattatg	atgcatacag	ttttctagca	attttctttg	gttcttttta	540
cagcattgnc	tttgetggac	tcttgctgat	ggctgctaga	ttttaattta	tttggttccc	600
tacttgataa	tattaaggga	ttctggattt	caggttttca	tttggtttgc	ttttggtttt	660
ttcctcatgt	aaccattggg	ggaanggatn	caaggaattt	gacacaaang	gnnggaataa	720
aacattaatt	ttnggcccn	nnnaaaanan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnna	aacctcggnc	cttntaaa				808

<210> 4679
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4679

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tgttgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	cccncaagac	agcagtcttn	ttaccgcgtg	cancgcgttc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaaag	aatataaaagt	480
taaaaaaaaa	cctccgggtt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggg	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtgga	gttggacttc	gggggtnaaa	aacccatggt	660
tgthttttnaa	caagnaanca	agaagggggt	ggtacttatt	tggntttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaaact	ttttttgnng	gaggttcggg	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttggattgn	840
aaatthtttg	gnaccnaaan	ccncccaac	ctthtgggaaa			880

<210> 4680
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4680

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tgttgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	cccncaagac	agcagtcttn	ttaccgcgtg	cancgcgttc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaaag	aatataaaagt	480
taaaaaaaaa	cctccgggtt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggg	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	atthttgtgga	gttggacttc	gggggtnaaa	aacccatggt	660
tgthttttnaa	caagnaanca	agaagggggt	ggtacttatt	tggntttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaaact	ttttttgnng	gaggttcggg	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttggattgn	840
aaatthtttg	gnaccnaaan	ccncccaac	ctthtgggaaa			880

<210> 4681
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)

<223> n = A,T,C or G

<400> 4681

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgcccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
cacccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancgcgttc	gtcccaaaca	420
gagggccaca	cagatacccc	acgtttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaaa	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttgtgga	gttggacttc	gggggtnaaa	aacccatgtt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnncan	tttggattgn	840
aaatttttgg	gnaccnaaan	ccncccaac	ctttgggaaa			880

<210> 4682

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1690)

<223> n = A,T,C or G

<400> 4682

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnmann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	ngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tggggcaaaa	acgngettg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgcenagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgncceanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanccncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncanccann	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncacagnnn	angcntnang	acncacnnna	cacacncgcn	840
annncancng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaanaa	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnnacccgcn	nnnanccttn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatat	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaaacac	agcannacat	cnnacagctc	ngacancacg	1260
ananangggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganancctanc	anncacgnga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agcngcacc	ancncctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacncctctn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	anngncggnn	gatangctcn	1560

nntataactaa	cnnananana	gnnnnaacaa	cagaaanaaa	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnnngagt	cngcngannn	tccnnnnctn	atcnnncagaa	1680
ntnctntnncn						1690

<210> 4683
 <211> 933
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(933)
 <223> n = A,T,C or G

<400> 4683						
gagnagggng	ttctaattct	ggctntcagc	ccaanaacag	ctctgttctt	gcncangatc	60
cgntcgatgt	tctccantgg	accatccagc	ctttttccna	gccaggaaaag	cccggntnga	120
gcanntgata	tccangaatg	ngngaggctg	ncgnngcaag	gancacctna	ggtcnggana	180
tctnananac	tcntggcnnc	atnntgaaac	cctntngnna	ctatgnannn	tcncaaata	240
gctnngnnnn	ctggngnacg	cntgnagtgc	cagcnccang	gaggntgatg	cagctgaacc	300
cctgancgcc	ggnatgggtca	agattgcnn	gacgntnana	tcnaaccatt	ggnaactccat	360
cctggggcan	gangaacnan	ancnttgact	cacggtaatg	taatcnnnag	gtggntggat	420
aaacttgagg	ataaaggntt	cgannatcaa	nactggaggc	aactttnnnc	ggntaaccct	480
atntantanc	tanaatatat	ntggaaatcn	nnnacanggc	aatnggctan	ancncnann	540
ccttggtaan	acaccntan	ttccntaggg	gcacgcgtnn	acggcangnn	tnantcnnnc	600
taanaaaccc	ancgtanggt	gntaagggnt	taccanntan	tcncgaanaa	tcnacgccca	660
cctngnatatt	tcctnnggcn	cttggggcaa	ncaaaaatgn	ntgaaaaaacn	tcttgngagn	720
tccaatanan	cccacnanat	ttcnnaacta	tntaagcacg	cnntaanntt	ggnaaaaaacn	780
ccnaattngg	naatcantat	tangganggg	ggacatccat	ttttaaacn	ttnganaatn	840
nncccnaaaa	cnnatgctnt	tctannngga	agnnccaatn	nggcataacn	aaannntttt	900
gnngnnnann	ananatccnn	tctctnnntc	nnc			933

<210> 4684
 <211> 1383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1383)
 <223> n = A,T,C or G

<400> 4684						
cccnnncnnn	nnncnaccn	anccccnnnn	nnacnanccc	nanacngcna	anaannanct	60
nnccnannan	cnnanangnn	ncncaannnc	aancncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncnnn	cntcnanaaa	cacngacnnn	nnnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnngggnagg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnnnnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgcacgat	cnccaaaancn	ntgggggaanc	420
acatcnnncn	caacnanent	nnccccnana	agcctnangn	ccacnacnaa	cccccnncaa	480
ncganaacac	ancccttana	accnaacnca	aanacanacc	caacnannang	acaacngnnc	540
anncnagcac	cancnatncn	nnnccggacc	antnncngca	naccaaagna	caccagcnan	600
ancgnnancc	caaacacaca	gataaacnnc	nanagnntcc	atngcataan	cggaannngnc	660
accatnctnc	naancaaann	nncccntnna	nccananaac	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

acnacacagc	ccgcgcctaaa	cccttaaccc	tncaanacca	ttancnagac	ctaacncnaa	840
cannncgnac	ggncaccann	nnacacncna	tagaccnag	nnncnncanac	cggagnaanaa	900
cnntcnggnn	tananaanaac	aancaccaac	nataangcaa	cngcnagna	cccnaccaca	960
tnnccnctc	anannnaccc	nnacacgcga	ancaccgagc	aacannctgg	gcnaatacnc	1020
tgcacaccnn	ccgccatagc	gacaaanacn	ttcgcanngn	nnnaaancan	nncgagcanc	1080
cccgnccnn	naacacaaat	ngcnaanncc	agagcaacca	cacancagga	tcaacaacac	1140
atanngggna	ncngcnanag	agggcaaan	gncacaaaac	cnaaaacata	ctctnnaaac	1200
acacaaaggc	cnccgacaaa	anntnnacn	nncananacn	catcggaac	caccannaan	1260
aaccnnnggg	acgcgcncca	ntnnttccan	ananagnann	naccncacca	ttacgagcga	1320
taancctcaa	aaaacnngga	acantacccc	gaacggcccc	actcantntn	ngnggatcaa	1380
cgc						1383

<210> 4685

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4685

ctaatacnaa	nnnnngcntn	tcgnnctnnc	cgaaanaaan	aggctnnngc	gtgggtgggaa	60
gcgtgcggtg	ccgcagcaat	ggcggcgctc	acaattgcc	cgggtactgg	caattggttt	120
tcggcttttg	cgctcggggg	gactcttctc	aaatgccttc	tcatccccac	ataccattcc	180
acagattttg	aagtacaccg	aaactggctt	gctatcactc	acagtttgcc	aatatcacag	240
tggtattatg	aggcaacttc	agagtggacg	ttggattacc	cccctttctt	tgcattggttt	300
gagtatatcc	tgtcacatgt	tgccaaatat	tttgatcaag	aaatgctgaa	tgtccataat	360
ttgaattact	ccagctcaag	gaccttactt	ttccagagat	tttcgctcat	ctttatggat	420
gtactctttg	tgtatgctgt	ccgtgagtg	tgtaaagtca	ttgatggaaa	aaaagtgggt	480
aaagaactta	cagaaaagcc	aaaattttatt	ctgtcgggtat	tacttctgtg	gaacttcggg	540
ttattaattg	tggaccatat	tcattttcag	tacaatggct	ttttatttgg	attaatgcta	600
ctctccattg	cacgattatt	tcagaaaagg	catatggaag	gagcatttcn	ctttgctgnt	660
ctctacatt	tcaagcatat	ctacctctat	gtaagcacca	gcttatggng	tatatctgct	720
gcgacccac	tggttcactg	caagtaaacc	agccttttgt	ctgtgggaaa	aat	773

<210> 4686

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4686

gntntttnta	agcgannngc	tacttgctct	ttgcgcgagn	ccntatnttc	naattcggca	60
cgaggnngtc	tcctgagcca	gagtgtgctc	agacagcagt	ccagctgggtg	gaaagggact	120
tatggagaga	aaaagaaaag	cgatgtagaa	aaattgaaaa	gaggtacaga	nacagctgga	180
ttggttacag	ctcgggtgtt	gccttatttt	gaacaggggt	tgaacagttg	gccacctttg	240
gttgctcaaa	acttggtgat	tggcacanga	gtangttaca	gtctgtttgc	acatccnttt	300
aggttgcngt	tactgtgtga	cagagaaaacc	tttaggctga	acttaaaacg	ngtnaggaga	360
cagctttctg	cttgatttaa	cagtatcacg	ggtgtgtgtt	gngaggtang	gaggtggggg	420
cncttnantn	cngtctncta	ngnntgtgtc	aacntctggt	gcagtatctg	tgcnnnttgn	480

atctnctgga	ancnctnate	taacngactt	ggntaccang	ntnnencttt	actnantggg	540
tnnangggcc	acccttnntc	ttattnnngn	tggcānaanc	nttccenttn	ggtnnctngg	600
naaaactnttt	atgtggctct	ttgntgnnan	aaganntggc	ttttttnggt	ntgnttaang	660
gttnncnttt	tgnnaaantt	gctcttttgt	nnntntgttn	actaaacccc	ttttttntaa	720
cccttttana	nnngntnaaa	acnnttttaa	tcnttccnat	gnnnnnaann	nttntngggg	780
cnct						784

<210> 4687

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (751)

<223> n = A,T,C or G

<400> 4687

ggtatagatc	attctacttg	ttcnttctnt	atgcaggatc	ccatcgattn	gaattcggca	60
cgagacccac	ttaggtggcn	ccaatgnnga	cntncagann	gnacagtncn	ttnatnnatg	120
gggnngtgan	ngcntntata	tcataaatct	caagaggnc	tgaganantc	ttntgctggc	180
anntcntgca	nttgtngcc	ttnaaaaccc	tgctgatncn	agtgtnatnt	cctacgggaa	240
tactggccag	aagggtctgt	ctnaagtacg	ctgctgccac	tgnagccact	ncaattgctg	300
gccncttnan	tcttgggaac	tttactaacc	atatccagg	ancntttcgn	gagccanggc	360
ttnttngngt	tactgaccn	atggntnanc	accagcntct	nactgangca	tcttatnnta	420
acctncctac	cattgctctg	tntaacacag	attctcctct	gngctatgtg	nacatngtca	480
tatccatgca	acagcancgg	gagctnactc	agtgggtaan	gatgtggngg	atgctnnctc	540
ggcaagttct	tcncatgccg	tggcancatt	ttccatgaan	acccttggga	gggnaatgcc	600
tgatcttnna	cttnnacana	aaatcnttga	ngnaaaattg	cnaaatntan	taaaccngnn	660
tntcttgntt	gngaaangcn	natgaacnca	ttggaangga	attttcangg	mnttaantgg	720
ggntttntnt	anccctcenn	nnanannnnn	g			751

<210> 4688

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1383)

<223> n = A,T,C or G

<400> 4688

ccnnnnnnnn	nnncnaccn	anccccnnnn	nnacnanc	nanacngcna	anaannanct	60
nnccnannan	cnnanangnn	ncncaannnc	aanccncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncenn	cntcnanaaa	cacngacnnn	nnnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnngggngagg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggcnannana	gggccttttn	naacangcca	nnccacanan	gaacnnccnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgcacgat	cnccaaancn	ntgggggaanc	420
acatcnnca	caacnancnt	nnccccnana	agcctnangn	ccacnacnaa	cccccncaa	480
ncganaacac	ancccttana	accnaacnca	aanacanacc	cacncnnang	acaacngnnc	540
anncnagcac	cancnatncn	nnnccggacc	antnnncngca	naccaaagna	caccagcnan	600
ancgnnancc	caaacacaca	gataaacnnc	nanagnntcc	atngcataan	cggaannngc	660
accatnctnc	naancaaann	nnccenttna	nccananaanc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780

acnacacagc	ccgcgccaaa	cccttaaccc	tncaanacca	ttancnagac	ctaacncnaa	840
canncnagnac	ggncaccann	nncacncna	tagaccnag	nncnncanac	cggagnaaaa	900
cnntcnggn	tananaaac	aancaccaac	nataangcaa	cngcnagna	cccnaccaca	960
tnncccnctc	anannnaccc	nnacacgcga	ancaccgagc	aacannctgg	gcnaatacnc	1020
tgcacacnn	ccgccatagc	gacaaanacn	ttcgcanngn	nnnaaancan	nncgagcanc	1080
cccgncctnn	naacacaaat	ngcnaanncc	agagcaacca	cacancagga	tcaacaacac	1140
atanngggna	ncngcnanag	agggcaann	gncacaaaac	cnaaaacata	ctctnnaaac	1200
acacaaaggc	cncgcacaaa	anntnnacn	nncananacn	catcggaac	caccannaan	1260
aaccnnnggg	acgcgcacca	ntnnttccan	ananagnann	naccncacca	ttacgagcga	1320
taancctcaa	aaaacnngga	acantacccc	gaacggcccc	actcantntn	ngnggatcaa	1380
cgc						1383

<210> 4689

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 4689

ctngttcttt	tttcaggatc	ccatcgattc	gaattcggca	cgaggatcag	atggtttaac	60
tnttgnggca	gnngcgagaa	anctntgatg	atngangaca	nntttttaag	aaagcaagaa	120
anaaagatac	tatgggggtca	agtgttaactc	catggaaatg	ccacgtntgc	tcttcagtga	180
anaagctggg	tnanagtnnc	acngaaaact	tttgactgta	tntatttatt	gntgcaaaaa	240
agacgttttt	atattgcngc	cctcatttgt	cacctaaag	tnncttctta	taaaatccag	300
ccccggatnc	atataancat	ctgtanctna	tcattgattcc	tgntgnaaaa	gtcancnacg	360
acctntagan	gncttttctt	nctatgaaag	gagctgctat	gncacatgtg	cacacnccgc	420
acaactgggn	atnaacaatg	agttttattgn	nontgggtgga	ccaaaattaa	gcttgcntaa	480
gggttgngct	aantggacct	ggactacaga	ctctgacgcc	ttgaatataa	cagtacaatt	540
tggcnatttc	tctgaancag	gctaaactga	gtaaaatctn	tttgaaggng	tcttnggtgt	600
gaacatttgc	cnnngaagcta	attagnngct	ntnngnatth	naaattcaac	ctntggngtg	660
gaatatgaaa	ccnanntnaa	acggagataa	ctttttctcc	ccncanaaan	tnaacnttgn	720
gntcentaaa	ccnttttagg	ggatncnaaa	nenttnnnnc	cnc		763

<210> 4690

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4690

gnnnnnnnntt	tgananccat	cnnttttaaat	ncatttttgct	actngttctt	tttgcaggat	60
cccatcgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggttatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaatgttn	tgcacaaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtccatt	420
tcccaaaaaac	tttatgtctg	tggcaagac	tattctaaag	cgtctgttca	gggtttatgc	480

ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tntanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggaacaaac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4691
 <211> 1197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1197)
 <223> n = A,T,C or G

<400> 4691						
aggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cnccttaaaa	60
naanttaagg	cccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	mnnacacnt	aantntatta	cncatagata	ctcaattnc	ntctctagna	180
natnnnngga	tctttntcgg	ctntnnancc	ntcctacta	ttactnctna	aacgtncnn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattantt	aactatctnc	tnnttcnnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnntcn	ntnattanna	600
nattntntaca	mntntccct	ncanctnnnn	nattntatan	tctntntncc	mnttcantnt	660
anatntnttn	ntancnntc	nntaattcaa	nattnatntc	atctcnntnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaanttna	tcncatacna	cncnnnctn	tanccnnata	780
tnactnctnc	anttcnntnt	natctctntt	tnacacactc	cnnggantat	actnntnaca	840
cttcttatat	mntntacntg	tnatacactc	tnacntana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	ncntntnatat	accatncacc	aatcacttan	tnatntcatc	960
tcannacanc	tcacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantancnctn	catctnttgn	ntataacnat	aattgtntct	catatntntt	tctctacana	1140
nctttatctc	gatntttatc	ntgtanncn	nntntatcta	nataatnacat	atcacat	1197

<210> 4692
 <211> 1050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1050)
 <223> n = A,T,C or G

<400> 4692						
nnntnancccc	nacngctttt	cntntccaat	nnccttaaac	anaaaagggg	tggggcnag	60
cnnagaacac	atacaganan	anacanana	gngnctaggt	ttttcacctt	tttnacacnn	120
aaancancac	gnnccgagtn	ncgcagaacc	ngcgcnncna	gcnnncngan	ncgcnnangn	180
nccnccgangg	ctagagcccn	nnnngnnaga	ggcancaacn	aaccatcacc	anngccaan	240
cncatnctnan	tcngananga	ganagcaaca	ccctgnatnc	naacaagaac	ccanaantan	300
aanccannaa	gtnanaaann	aganccatca	nncgaanacc	catntnaccn	ccccanagnn	360

cnnnnanctn	anagnccagn	accnnacnnc	caancccnnn	cgacnaaaacn	accnctaca	420
nnegaatncg	naanntccan	gaccanctca	nnentctctn	annngcnctc	nnncanntnn	480
accnnaant	gccanncnan	tcccananc	nnctntcca	aacntnanc	ccacnccata	540
gccanccaag	aaccnncaaa	cnctnecgnc	anntcgatnc	ncatcnccac	cnctgcgnat	600
acgnntnanc	acntcaccaa	ncacgccaaa	accnnannnn	nncanaccga	cnggacancc	660
tcnctacgcc	nangnaatcn	nccnccact	cactcacctn	nnctacntac	atnagtnaaa	720
nanccctcat	ctagaccaga	acnncacta	tctacnactn	annctnnana	gacacagnca	780
caatcntnan	actnacacga	tcncanacac	cccaactccc	ncagcaaang	ctnnctnatca	840
ncnactcatn	cnactctnta	ctaaacgctn	nnntcacagn	gcgnaccana	annngcnata	900
nacatncacn	naaanacgna	ccnncgatnt	ctncactann	acncaagtnt	cnnntcnntn	960
nnactcaan	cacnctanga	nnnnatgcgg	tactcgnaga	aatctcngcc	catagnenca	1020
cacannancc	ccctacgcac	anntccnccc				1050

<210> 4693

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4693

caaacngctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagggc	60
taagtattct	aggatctaca	gttatgggtca	ttcatgctcc	aaaggaagag	gagattgaga	120
ctttaaatga	aatgtctcac	aagctagggtg	atccagggttt	tgtggtcttt	gcaacccttg	180
tggtcattgt	ggccttgata	ttaatcttcg	tggtgggtcc	tcgccatgga	cagacaaaaca	240
ttcttgtgta	cataacaatc	tgtctgttaa	tcggcgcggt	ttcagtctcc	tgtgtgaagg	300
gcctgggcat	tgctatcaag	gagctgtttg	caggggaagcc	tgtgctgcgg	catcccttgg	360
cttggattct	gctgctgagc	ctcatcgctc	gtgtgagcac	acagattaat	tacctaaata	420
gggccttgga	tatattcaac	acttccattg	tgactccaat	atattatgta	ttctttacaa	480
catcagtttt	aacttgttca	gctattcttt	ttaaggagtg	gcaagatatg	cctgttgacg	540
atgtcattgg	tactttgagt	ggcttcttta	caatcattgt	ggggatattc	ttgttgcatg	600
cctttaaaga	cgtcagcttt	agtctagcaa	gtctgcctgt	gtcttttcga	aaagacgaga	660
aagcaatgaa	tggcaatctc	tctaatatgt	atgaagttct	taataataat	gaagaaagct	720
taacctgtgg	aatcgaacaa	cacactggtg	aaaatgtctc	cgaagaaatg	gaaatt	776

<210> 4694

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4694

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
acattttcct	gttttcttcc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aatttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaagtc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aaatgagggg	gangccctt	ataaaaccat	cagatcttgt	gagaacttac	420

tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagatttggg	tgggaacaca	540
gccaaacat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgacaggaaa	aaatgttttt	ttgtgaaa		768

<210> 4695

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4695

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagc	60
acattttcct	gtttttcttc	aagccctcca	cagtgttcca	acctctgccg	gttaccatt	120
tccaaagtca	cttccacatt	tccgggtatc	cttatagcag	cacccactc	taccagtacc	180
aattttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaa	240
tataaaggaa	ggagggttaa	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aaatgagggg	gangcccctt	ataaaaccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aattttacgat	gagatttggg	tgggaacaca	540
gccaaacat	atcaagtatt	aacagnagaa	ttaaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgacaggaaa	aaatgttttt	ttgtgaaa		768

<210> 4696

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4696

ntantaaatc	ccttgcctct	gttctttntg	caggatccca	tcgattcgaa	tncggcacga	60
ggacccggcg	gcgcggacag	gcttgcctgt	tcctcctcct	nngactcacc	attnccaganc	120
agaanntgaa	aaaatggngg	anctcaccca	ggtaanggat	gatgaagtnt	tnatggctnn	180
tgatactat	gcannanttn	tncttntgna	aatgatgcnt	atgagtactg	taanngnntt	240
ctatncattg	ncaagaangg	ntnttgncaa	tncatangac	tgtgtagcat	tcggcanagg	300
agaaaatgnc	aagaactatc	ttcgaacaga	tgacanagtg	taacgggtac	gcagagncca	360
cctgaatgac	cttgaaaata	tnattccatt	ncttignaatt	ggcatnctgt	attccttgag	420
tggtcccgac	ccctctacag	cnntcctgta	ctttagacta	tntgtcggag	cncggntcta	480
ccacaccatg	tgcatatttg	acaccccttt	cnnatccaaa	tatagctatg	actttttttt	540
gtaggatatg	gannactctt	tccatggctt	acacngtgcn	gtaaaagtaaa	ttggccctgt	600
gcagaaaaac	attccactca	gtnttccaan	tggtctntta	aggaattctn	gaccttgcaa	660
tnatantgg	agnnctttcc	ttaagattta	aagggtttgan	ggngagccnn	aggaattntn	720
aaccnngggg	aaaccctttt	tgggaatttt	agcnttgnca	anaa		764

<210> 4697
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 4697

ttaantaann	ctntntcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gcggggcggc	gcagcccgag	ctccccgacc	cggaagaagc	gccatctccc	gcctccacca	120
tggagcccac	cgcaccgtcc	ctcaccgagg	aggacctcac	tgaagtgaag	aaggacgtga	180
gtaacgcagc	tgtgcccagg	gcggggcggg	gcgggctgca	gcccagcggg	agacgaaagc	240
ggaagcctgg	agtccgagga	caaggaggat	cctccagggtc	ggaggagcgg	aaagtcctag	300
cacaggagga	ctgtggcgag	ccctgcatcc	gagggacctt	ggtggcagtg	atcctccagt	360
gatctgtcaa	tccagggtttt	acatcgctaa	acgcagagct	tgggctttgt	tgccaagtgg	420
tgttttgatt	cttgcccact	cctcacccat	ctcctcatgc	tttcccccca	actgggttct	480
tggagatgct	tcgttaggga	ctggcggttc	agattcatcc	ttaagtcagg	ctgcctaggc	540
tgctcaactca	gcctagagcg	aagctgtacc	aggtgaagga	tcccaagcag	tggaacaaaa	600
atgtgaaaact	cttttgcata	anggggcttg	aggaagctca	acagctgaaa	gcacaacctg	660
gaattcccct	agtnagcaga	cgcccacata	tttaaattgg	ggttggggga	atgaatacnc	720
gtactgagaa	taatgtncag	gtaa				744

<210> 4698
 <211> 1224
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1224)
 <223> n = A,T,C or G

<400> 4698

gggttanccc	tttгнаactt	tgctaaatng	cttggcaact	cgaactcnct	gcanggtnc	60
atcgtttoga	atnccggcncg	agacgacacg	cttctgcagg	tgaanggcac	gcggcgccca	120
cggtncttn	nagctgnngc	gtatgaagct	ggatggngc	nntgnngana	angtagngct	180
tgatntgcta	ataagaaatt	tcttggaana	gagactagct	ctcaacgcac	ccncngngc	240
ggncggcttc	cnngcncncn	gacaannanc	tcgncaggng	ccngnatncg	gancantnct	300
cncanaacaa	gggcgctggc	gccaagaata	gacaangngc	ggcatggcca	acnaanacgg	360
tggcctncgn	ctggcaanga	angtgaagaa	ggcngtcann	ncnaagnnta	nccaaantgn	420
cctatgnccn	naatgttgag	ctctntnaaa	attcnntanc	ttnttnnnan	tgnnnaanta	480
ncncacanca	ggttttcatt	nnacncanta	ntanntnctt	nnanganect	nnncattagn	540
ccatntntent	tacattnaat	tccaatncng	tnntggnttg	nnccgccact	tgcnttctnt	600
annectgcnn	ncttcnncn	cgncantnnn	ngactgtnat	cnttngtnnc	tactcttnnt	660
gcattncntn	cntatcaacc	ccaattgccc	nntnnaatta	ancgcanttc	tcctcatteg	720
ncatnncttc	nctantattt	actcgnntct	acnanttnac	ccaccgtntt	tannngctnt	780
ntntntntaaa	cccnctctn	antccnaca	tacgcnatnt	tttacacacc	tncttncttc	840
nctcnggcta	tanngacccc	ntacattatc	tcattctanc	tctnatacnt	gtcnccttat	900
cngngntatn	ctnttctatc	gcgncnnatc	nnacggcctc	acatnttnng	nctcacncnt	960
nnatnnantc	tacacacttc	tcnntcatan	tgtctcaaaa	actngnanct	actcttnact	1020
tnnaganaat	tntatctnnc	catactcatc	tnntcatagc	gaatctntnt	acntctggta	1080
tcncnctct	gttagntngg	acattctctc	tngtctcttt	nnentatnaa	ccgntatgtg	1140
nggtntattn	tcncaatncn	ctntntccan	ntttatcatt	nggtttcccc	ctntngccnn	1200

atantgggng acacantngn tnnt

1224

<210> 4699

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 4699

gnnnnnnnnn	nttttgcana	ccgctggcta	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggcaacc	ttcgctcct	gggttcaagt	gattctcctc	cctcagcatc	120
ccaagtagct	gggactacag	gcacgtgcca	ccacacccag	ctaatttttg	catttttagt	180
agaggcaggg	tttcatcatg	ttggccaggc	tggctcctaa	ctcctgatct	caagtaatct	240
gcccactttg	gcctcccaaa	gtgctggcat	tacaggaatg	gagccaccgc	gcccagcctg	300
atttcttttt	ttaggtcttg	tcaggaaaga	tattgattct	tttgattcgt	gaacatgggt	360
tttggtcgtc	tttaatttgt	ctcatcagtg	cctccatgtg	tttttgatgc	ctttgaactg	420
gtatttttaa	aattttcaatt	tctaattgtt	cattatagaa	acacaattgg	gttttatata	480
ttggcattgt	atttttgcaac	tttcctaaac	tcactagtaa	ttctagtagc	tttttttggt	540
agattcttaa	ggattttctg	tgtaaatagt	catgtcattt	gtgaataaag	ccattttttt	600
ttccttttca	aattttgtgc	cttttatttc	ttattcttac	catatcacat	tggcaaagac	660
ctncagtatg	atattgaata	aaagtgggtg	gagaaaaaca	nannttatnn	tnnnnnnnnt	720
cnnnnnnnnn	ncnntnnnct	ncnancctc	cnncnnnnn	nnnnnnntcct	tacnnnnnnn	780
nnnccccctt	ttaaanttnn	nnn				803

<210> 4700

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4700

ggngnnnnnc	ntttgaaatc	tntatacanc	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgagggtc	gtcgtggcaa	cgttgctggt	gacagcaaaa	atgaccacc	120
aatggaagca	gctggcttca	ctgctcaggt	gattatcctg	aaccatccag	gcaaataaag	180
cgccggctat	gcccctgtat	tggattgcca	cacggctcac	attgcatgca	agtttgctga	240
gctgaaggaa	aagattgatc	gccgttctgg	taaaaggctg	gaagatggcc	ctaaattctt	300
gaagtctggt	gatgctgcca	ttgttgatat	ggttcctggc	aagcccatgt	gtgttgagag	360
cttctcagac	tatccacctt	tgggtcgtct	tgctgttcgt	gatatgagac	anacagttgc	420
ggtgggtgtc	atcaaagcag	tggacaagaa	ggctgctgga	gctggcaagg	tcaccaagtc	480
tgcccagaaa	gctcagaagg	ctaaatgaat	attatcccta	atacctgcc	ccccactctt	540
aatcagtggt	ggaagaacgg	tctcagaact	gtttgtttca	attggccatt	taagtttagt	600
agtaaaagac	tgggttaatga	taacaatgca	tcgtaaaacc	tttagaagga	aaggagaatg	660
ttttgtggac	cactttggtt	ttcttttttg	cgtgtggcag	tttaagttat	tagtttttaa	720
atcatncttt	ttaatggaac	aacttgacca	aaaatttgct	acagaatttt		770

<210> 4701

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (756)

<223> n = A,T,C or G

<400> 4701

ttnccatcagc	tcttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagggagga	60
cgagggaggag	gacgacgaag	aggaggagga	ggaaaaggag	gtggaggagc	agcagcagca	120
gctgcagcag	ctaatatgtt	gtacttattc	tgtgctgggc	aaaattctgg	atatttttca	180
tgtactatth	aagcctcaca	aaaatcttat	gatataggaa	atgcttggtt	ccatttggca	240
catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgccg	agggtagtct	gtccagagtc	300
tgtatttttaa	ctactgctgn	gttgccctccc	attgcatagt	gacttcacgt	gtatagggtg	360
ttttatcatg	cgaggaaata	tttgagtata	aactgtatgt	ggtacaaatc	atthttttcca	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgcagag	cctaaactcat	cccatttccc	tccctgtcac	540
ttttcattht	taggatttgc	atcttcatat	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaatat	tagtttttaa	acatctttag	caccgtcttg	gtanctttat	tcctttcttt	660
ttacctagac	agtttctctt	aggacaaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccacccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4702

ttnnaannnn	tcangctact	tgthctthtt	gcaggatccc	atcgattcga	attcggcacg	60
aggtgtcaaa	tttcttgtca	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	tgtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaaacatca	actggaaaaa	ccttttcagcg	240
aaccatttca	gctcaggaca	cgtttagcgta	tgccacagct	ttgttgaatg	aaaaagagca	300
atcaggaagc	agtaatgggt	cggagagtag	tcctgccaat	gagaacggag	acaggcatct	360
acagcagggt	tcagaatctc	ccatgatgat	tggtgagttg	agaagtgacc	ttgatgatgt	420
tgatccctag	aggaacatgc	ccagcctgag	aggagtcaag	acacaatact	ggatgctcag	480
caccttcttg	gaatcagaat	ctcgaaccct	ttggaagagc	ctggagattg	gactgggaaa	540
gctgctgtga	cttgggcgga	tcgtgtatth	ctcaaggaaa	gcattthttaa	gccctagaag	600
gtttgggagc	tgthttggcag	tgggagaact	ccggcatgtg	gatcaactgt	cccgggagcc	660
tggtctatat	gtggattcac	atthctgtgg	agatthttcng	aaatgaaccc	gtggcagact	720
ttthttggttn	cacgaacntc	cagaatgagc	cttaaagctn			760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (805)

<223> n = A,T,C or G

<400> 4703

gnnnnnnntt	tgananccat	cnntttaaat	ncatthttgct	actngttctt	tttgcaggat	60
cccatcgatt	cgatcagtat	gaactcttaa	aacatgcaga	agcaactcta	ggaagtggga	120
atctgagaca	agctgttatg	ttgcctgagg	gagaggatct	caatgaatgg	attgctgnga	180
acactgtgga	tttctttaac	cagatcaaca	tggtatatgg	aactattaca	gaattctgca	240
ctgaagcaag	ctgtccagtc	atgtntgcag	gtccnagata	tgaatatcac	tgggcagatg	300
gactaatatt	aaaaagccaa	tcaaattgtn	tgccacaaaa	tacattgact	atttgatgac	360
ttgggttcaa	gatcagcttg	atgatgaaac	tctttttcct	tctaagatng	gtgtccatt	420
tcccaaaaac	tttatgtctg	tggcaaagac	tattctaaag	cgtctgttca	gggtttatgc	480
ccatatttat	caccagcact	ttgattctgt	gatgcagctg	caagaggagg	cccacctcaa	540
cacctccttt	aagcacttta	ttttctttgt	tcaggagttt	aatctgattg	ataggcgtga	600
gctggcacct	cttcaagaat	taatagagaa	acttggatca	aaagacagat	aaatgttttt	660
tnanaacac	agttaccccc	ttgcttcac	tattgctaga	actatctcat	tgctatctgg	720
tatagactag	tggacaacac	ttttaagaaa	acagggataa	aaaagaaacc	cattggctgt	780
ggctactgat	aaaaatatnc	ccaan				805

<210> 4704

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4704

gttnaganca	gctcttggtc	tttttgcagg	atccctcgat	tcgaattcgg	cacgagggct	60
attaaaaatg	taatcagtg	gaaaattcat	gccatctgaa	tcgtacngt	atgtaaggga	120
tttgagttcc	ttacagaatn	ttctgtaatt	tannacttca	agtgacttat	aaatgtatat	180
acttctctct	cacaaangtg	ttagggagaag	gaaaatctna	aatactngct	tgattttctta	240
atttaataac	ataanacaat	tctcataaca	tgtatcacct	aacatgtcac	tttcaacttta	300
aaagtctaaa	gagttgangt	ttatntcttt	tcttttaaag	ttgatgntta	tgttgggtgat	360
ttccnaaaag	atcagatccc	ccgntatgaa	ggatcttaac	cttgtctttt	agatctccat	420
gagaaatgca	gtacatgtag	cattagccat	attncttttt	tagaggccta	tgtaggatat	480
ttataacctg	taaaagtttg	atgacttcat	gctcaggaga	aagcaagtaa	ttacctagcc	540
aagccagggtg	ggtgttcagg	ttagtggtca	acagaaaagga	gatgttgaaa	gatttcatat	600
ctnaagggtg	aaaacacaag	agaagtatat	agagataaac	atgtaaagtn	taagactgta	660
ccatagtaag	ctaccttcga	agtggcaccc	ttgttattat	ttttctg		707

<210> 4705

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(845)

<223> n = A,T,C or G

<400> 4705

gngnngtnnn	nnnttttcna	acgttggtta	catacagcta	cttgttcttt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgagggnang	cngttctgcc	nangangcat	nctnccncng	120
anatgccacc	nnntgcntg	ntnaccnna	cgnnncacac	gnctacctgn	gggacatata	180
cttcatgcac	nggttatgnc	cntaccatga	annctactg	acancnnaac	nngancngnn	240
tgttgannac	atgaataacc	cactgnacna	agaacntant	ggaatgntan	ctnnntatgt	300

ccttnttccn	gnggaaggag	nggacaacnt	ttancaagtn	ncagntccaa	ancnaacnna	360
nccaantata	ntnaaantna	gngetgcan	tttngtggac	nccttgcna	atnnnnanng	420
ctctctnnna	ccgntngaaa	ttttncataa	caccatatgc	nccatgattc	tcattgntgn	480
aagacantca	ttenatntac	cagatnnatc	ttggngngnt	ntntncnngc	atnngnnnca	540
ctaaaaactg	ntntnctaac	taaataggat	ttntnttttn	ttatacnngg	aaaaaatgng	600
agttgtgcn	naactntcat	nngcgatant	tacannaant	tgtacttgnt	aatcttaaga	660
atctaattgc	angacttaaa	aaanangccn	ttagaactat	aggagtcna	nttactgcta	720
tnccnecatg	nattgatnca	ttcacgactt	ngtccaaacc	anatntntaa	ttcctgaaan	780
taaatgntnt	ntttngnana	anntggaaaa	gcttcncaan	nttnntaanc	ctaaaaccng	840
gntnn						845

<210> 4706

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4706

gcaaccgntg	gctacttggt	ctttttgcag	gatecccatcg	attcgaattc	ggcacgaggc	60
aaccttcgcc	tectgggttc	aagtgattct	cctccctcag	catcccaagt	agctgggact	120
acaggcacgt	gccaccacac	ccagctaatt	tttgcathtt	tagtagaggc	agggtttcat	180
catgttggtc	aggctgggtc	caaactcctg	atctcaagta	atctgccac	tttggcctcc	240
caaagtgtcg	gcattacagg	aatggagcca	ccgcgcccag	cctgatttct	tttttttaggt	300
cttgctcagga	aagatattga	ttcttttgat	tctggaacat	ggtttttggt	cgtctttaat	360
ttgtctcacc	agtgcctcca	tgtgtttttg	atgcctttga	actgggtattt	ttaaaatttc	420
aattttcta	tgttcattat	agaaacacaa	ttgggtttta	tattattggca	ttgtattttg	480
caactttcct	aaactcacta	gtaattctag	tagctttttt	tggtagattc	ttaaggattt	540
tctgtgtaaa	tagtcatgtc	atgtgtgaat	aaagccattt	ttttttcctt	ttcaaatttt	600
gtgcctttta	tttcttattc	ttaccatata	acattggcaa	agacctccag	tatgatattg	660
aataaaagtg	gtgagagaaa	acananannna	nnnnnnnnnn	nntnnnnnnn	nnnnnnnnna	720
ntnnnnccnn	nnnaantnnn	nnnnccnnnat	ncnnnnccnn	cnentttggn	antnt	775

<210> 4707

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1102)

<223> n = A,T,C or G

<400> 4707

gggnttcccc	ctnnnaaccc	nttggaancc	cnetggngct	ncntgcagga	tcccagcnat	60
ngcactgagc	nntgnggcn	acggcngagc	cntttttcng	cgagacgngc	ccnnccanggc	120
nccggggngc	tctgtctggn	nagccnatgg	gnagcannna	ncncaancgg	cctnccnana	180
ccagagnnnc	anaacgnacc	nagnnngtgg	gcncncctta	ngtcnaggac	anaatananna	240
nnctantcag	ctgntngggc	ncgcannaan	ggnanannnn	caggcccncc	aanntaagct	300
ncnngaana	cncgntntat	acncccnana	naagnncccn	ngntaacaac	gccaggcgga	360
gcnttcgngg	anananccac	gagngncccg	cctaaggaaa	tgngcgcena	nancagnacc	420
ccgaanaana	gtantngngg	tnnntaancc	gagngaacgt	gacaggcggn	acgcaccgac	480
atngggcnna	anagaatcgc	ctnggngnca	catcgngnna	cnagnganaa	cgtncaacgn	540

acanncgngc	accnntnnn	acnngtcana	cgaaacnnn	cncgcatntg	agagcncggc	600
gcncctcncg	caaggggngg	cttcnnnacc	cccgcnaaa	nanttinnag	aaatcccnc	660
nagacgtntt	ataccnnaga	cacnaccnng	accnngcggn	gcantagtcg	nanagagagg	720
ctnggtagn	ananncantg	cgncggnntc	ccnttcggcg	cncnanaana	agcccagcgc	780
tntngaann	tggcncccn	ntgngnncgc	gcnagnacc	cnggtggcga	aaacacnggn	840
angngccnt	nnnaacncan	nggggggggc	nanaaccgg	ggggaaggcg	tnaccngcan	900
aanggngaaa	acngcccaca	nttinnctcc	gccnggcant	ancccnnga	acatcgnggn	960
gcannncccg	gcanngnccc	cggccaggcn	ggcgnnccc	aggnanntta	cgnaccggan	1020
ncccggnnc	acnncnaggn	ncccnanacn	nnggnaccnn	ngncnggngg	gnnacgatgg	1080
ggcnngcnn	gnnctgccan	ca				1102

<210> 4708

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(855)

<223> n = A,T,C or G

<400> 4708

ggtgcttccc	cctgngaacc	ctttntacag	gcnaacttga	ntttntgean	gateccatcg	60
actcnaattc	ggcacgaggg	catancccg	aatngngttt	tgatgcac	cagtcgtggc	120
attgcaagaa	gtctgtctga	tgaagctcgg	gaagcatttt	gcaatattcc	cttnggctgn	180
gttcctgtgt	tccctgctcc	cacttatctt	cccctggttt	gtgattatta	ggagagaggt	240
tntgcaaaga	atcnntgctg	tgaaagaatc	ttttntaat	tnttatccta	nagtcantca	300
cttttattcc	aggnagtcac	gctgatctac	ttatccaaag	ccagcnaacc	aggntcatcc	360
taccatcctc	atggaagact	gtgtgtatga	attggagtaa	cagaactgaa	ntacacttaa	420
ncagtgcacg	cactacttcc	caggggtggg	gccatatttc	tctgngtcc	actctgagca	480
acttctcana	gatacgangg	ggctaggggt	ttcccatntg	gggaaatggg	gtgaaagnct	540
gcanatngnt	aaaagcaaat	gttngaacca	ncaataaatn	agatnnntcn	ncatngnnca	600
atnnngcact	antnacnnnn	ntnganannn	cgtanntnnn	ctncgncnnc	tnngnagtnt	660
cncnnggnnc	tctnnattcc	tcgnnannng	atcngcaatt	ggnannttca	nnatntggat	720
nnacanctat	ncgtgancna	atnaacntac	nntgngngt	acnacnacnn	tnactatcnc	780
atacgcgntc	naaaancgat	ntcacgtntn	cacnattngn	anatatcann	ttntctctnn	840
ttgntctatt	naccg					855

<210> 4709

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4709

tnnnnnnttta	nttttaatat	actncagctc	ttgttctttt	tgcaggatcc	catcgattcg	60
aattcggcac	gaggaacatt	cggactcgag	ataatcgctg	ccttggggag	tgggacttgc	120
ctgagctgtg	cagcgactgg	tggagctaca	gaacacgagg	gtcccaaagt	ccgaagaaat	180
tttctgagcc	tttgtacata	gatgaggcaa	aaacctgcga	gtgccatcag	cctccctcac	240
atgggagacc	ccaaccagc	tgacaatgtg	gagccccag	aacttcagaa	ctggtggagg	300
cacatgtctg	ctctcctgaa	aagagacttg	gtttggggac	cccacaaaag	gaggggaagct	360
gtagctgttt	ggatgtgagg	agaatgaaac	tacaaaaaaa	aataaattgg	gccaggcgca	420

gtggctcatg	cctgtaatcc	cagcactctg	ggaggctgag	gcggaacggat	catgaggtca	480
ggagatcaag	accaccctgg	ctaacacggt	gaaaccctgt	ctctactaaa	aatacaaaaa	540
attagcccg	gcatggtggc	acacgcctgt	aatcccagct	tcttaggagg	ctgaggcagg	600
anaaatcgct	ttgaaccng	gaaggtagaa	ggttgcantg	agcttgaaaa	ttgcgcccac	660
ttgcaccccc	cttaggcgac	aagaaccgaa	gaacttttgt	ctnttaaatt	aaattaantt	720
aanttaantt	aanttcccaa	cctgggggna	aaaaanann	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnccctt	cganccttnt	taaaaacttn	ttagnggagg	tcggtnttta	ccgttaaaat	840
ccc						843

<210> 4710

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1501)

<223> n = A,T,C or G

<400> 4710

nanggagcaa	ggccaggttt	ttnnncngnn	ctaannnnann	tnnagaaacn	acggcttttg	60
nggtttanng	gncnaaaaaa	cccccncaat	gcaggcncca	gcagananan	aaggagncgg	120
cncggggagg	nggnaanana	nnnncatana	ccngacgaga	gnggancacn	nntaacagaa	180
gacacaccan	aacacnngaa	cncancacaa	agantcncan	acctaannng	cgacgaanac	240
ncnacacntn	tttttttttc	acnaanaana	cnnaaannag	agngaacgca	nnannagnac	300
acnnacnacc	acgaggggga	gangnacnan	agagnggaca	acaagagaag	aaanaacaan	360
ccaacacgcn	cngaacaaca	acacccccng	acancacaan	aacacanan	gcaccaaaca	420
ataanatcag	aganacacac	agaccaacan	aacacncaac	acnngcnaaa	ancnaacgaa	480
gnaaanncaa	acaacnaaan	ccacaacgna	gancannnac	nacacaagna	aaaaaatnna	540
nnanaananc	aaanncanaa	accnaaaaaa	nnccanana	acananaatn	cnnaancnaa	600
ccaancnaca	nnannanacc	ncacagnant	aanaaanaac	ngnnacanaa	nnacacagag	660
acanacacac	natacnaca	ccanacaaac	caanancnga	canactacnn	aanannnnna	720
ncnaaacanc	gacanagnna	nacaaacaaa	gnacacgnaa	ncatncncac	nanagcanan	780
nacgnataac	accgngangag	aaagatacnn	acatnaanan	ctanaaaacgc	ataccgngcg	840
cgncatanaa	nagnacnnan	ananataata	gcaaanaana	cacnnaagca	naaacaacac	900
angncaacaa	naacaaaaag	anagaatcnc	acagacagng	cantnacgca	cacaactaga	960
cacacaagng	anacaacgac	acaanataga	taagananag	anagnnnnag	aaaacncaca	1020
cganacncaa	cacgaannac	aganannnac	cacnnaacac	aangagcacc	nacanacaacn	1080
ananananca	ccancnanna	nnnaananan	gacacaaaaca	cncnatacaa	annnaagacn	1140
acnnacacac	nagatanaaa	naanagncga	ccgcagnnaa	acaccacgac	aggaacanaa	1200
nnncnnacna	nananngaaa	nngtananng	aggggaagcaa	angaaannaa	cacantangn	1260
nggaacacaa	anaanancan	annnccatna	aaganaanna	cannaacncc	nganaaaaaan	1320
ggaaacacan	aancanaccg	naanaananc	nncnanana	nnacaaaaanc	accntagaan	1380
cncanaanac	ngaacnaaac	acaacnnnnan	canacaaccg	aatnaaaannn	ncancacaaa	1440
tgnntnanac	caaaganaac	nanancannn	caaaacnaca	cncncgaagg	ntnnnaacnn	1500
g						1501

<210> 4711

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

```

<400> 4711
tttttaaaac ttttaagccc ttgtgcannn gcaggatccc atcgattcga attcggcacg      60
agaatagtag aaaggggtccc cattcctgct cagcacnttt cctctctacc ccccccacaga      120
cacacatgct gacacacaca tgcngacaac acncatacac acacatgcag gcactcacat      180
gcaggcccat gcacacacac gtgcacacac atgcaganac atgnagacac gcaggcacac      240
atgcacanat gcaaagacan gcatgcangn acacgnagan gcaacagaga canacatgca      300
gattcacatg cacacacaca tacacacact ggnccctggt tttctgtggn gtcactgggt      360
gccagnaact ctgtatatata cacctanac taaaacctgg gccttaattt ctctcccgtc      420
cccaccctta aattcctgat ggatgaacct aagaacttnc ctgtacactt caagccggac      480
tgacgtagcc tatggggcca agnagggtcca gngccnactt ttttaatttct ttntaaaaag      540
ctttaagtct tgctggggcgc ggtggntcac gcctggagtn ccantatttt tgngggaggcc      600
aaagcngntg gatnacaacg ngcactgggt cgngancanc ctgaacaaca tgggggaaaa      660
ccctggtttn taattggaaa tacaacaaaa atnngcttgg gccanggtgg anaggcacnt      720
tgtgaactca acctccaggt tttttggggc canaaagcat acccccacna ngcccaattt      780
aatttnttaa agggaatcct tggtag                                     806

```

<210> 4712

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

```

<400> 4712
agattaaaga ggaaagcaga gactgggttag gttattatag tgtcctaggt aacagttttg      60
gacaagtgtg ataaatgttg aggtgggagg ggtagagggt tggattcaga ctctgttttg      120
taagtagaga agataatgtc tgctgatagc ttggatatga ggaggaaaag gagaggagta      180
aaggatgact cagatttttg acctgtcaat tgggtgaact ctgagattaa attctgtttt      240
ggctatgtta ggttggaaat gctgtgtagg caattggata tccaagtctg gacttcaaga      300
gtacaatttg ggactagaaa attaatttgg gagtcattag ggaataacca tgactttgga      360
tgagatcacc tagtacagct agagaagaga aggtagcaaa agacaganac ctaaggtatg      420
ccagcattga ngaagtanag gagaaganga nccatccnnn ngactgncaa ggaccaccca      480
gttgacctta gaagaaaaat caggagctgg tattctggaa accatcngaa gaaaatgttt      540
cacaanagg gaagtagtat tgaatgggtg naaatgttac ctatatcctt ggnaaaaaaa      600
ccacttcanc tgctttttta agtaaattgt gatantttgt actgcaaata nctttccata      660
ntncttttca aaacatgnta ttttnggncc ttttaa                                     695

```

<210> 4713

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(998)

<223> n = A,T,C or G

```

<400> 4713
ggtgnttccc cctgngaaac ctttatacag cctacttggt ctttttgcag gatcccatcg      60
attcgaattc ggcacgaggn cacattcann tntcannttt tgcancntta tancaanant      120
catngccgan acattanntg nctnnaatag tactgcangc ncancatctn cnnnngatcc      180
ctgtnacett gnccttggan cactcgtnag ncaagntctg ntcccagatg ncntgttaacc      240
atnantncna nanaananna tcnagggnct nttnttttcc nncaaacaga tgcnatntgn      300

```

cncnggctgn	tgtgntgtng	agggcnctan	gcncnggcaa	ctattnnctt	nnangcngaa	360
gtngttacnc	ntnanggcnc	ncttancttt	caatnagnac	cacatgcnn	tgccaaatng	420
tgctctnagc	taaatnnttg	gactntgaan	tanggnnena	anggtnttgc	aataacantg	480
tggatctgna	anaagnctgt	ttggnnngng	acctaätnac	ctcancnggg	nggnctcnct	540
cttaacnntt	tantnccnnt	cntnganagt	gattcatacc	aaggtaccca	ngnnnggtaa	600
tanttcnact	cntgngatcg	naantttntc	cnttnnactn	cnttanagag	nggtcgtnac	660
ccangtntgt	tcgcttcgcn	cttnttttgg	ggngaaatgt	atntccccat	ggaancnttg	720
ggggnnccnn	tttgatngcc	gtaatanacat	nggaagtcaa	cttggantta	aacgggtgct	780
canttanct	nagccgaatn	tngtcnttgg	caaacccttg	ccaatacnnc	caattaccen	840
atantngcaa	agnaaatagg	ccnngcatac	cnaagnggga	ccctttataa	attggnnnat	900
ggacttcccc	tttnaagtng	aacnttggnc	ttagcnaaaa	ggcnatnttc	ttgtatgaag	960
ntcgcagnan	tngnatattat	tngggttcta	ngggccng			998

<210> 4714

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4714

cccccccccc	ccnacnnnnc	acccannnnc	accccnnaen	canacnaatn	nncgcncan	60
tcacncaccc	cgnntcgann	cnccccnc	taaannccna	nccgncctnc	cnggntcgca	120
nnccacnntt	gaacctttgc	aaanactggc	aaaccgcen	cnaagcggg	ggngggann	180
acacncacnn	canatactan	ncnncccaen	tncganaacg	anagnnnncc	cccccaacna	240
ctnaggggca	cctcggggnc	cctctctcta	cgcnaenena	ncacatnaen	ncctcngtt	300
canncnngac	agnancctct	cacnccccac	gcctgctncc	tctcncata	cncnccccc	360
ctcccnatac	gncncgacan	cccacgcenn	ngnannctn	nctcatcna	cncacngcnc	420
tacacnnccc	acnntnccct	tctngggcga	ncannnnent	ncatcgccnc	agcncacnct	480
ctnnctcacc	cccatcatna	cctnaanccg	tctacntntn	nncnctcan	ctcacgcnct	540
aaccgncann	ccncccgna	nactncacnc	tcaanncana	tcganccccc	tencaccnnc	600
accnnnnnnn	cgnnccnccc	accnnncaan	nnngttnnnc	ccacctcgag	accnnncang	660
cnaatacccc	cgatcancca	ccnctctant	ncagneetnc	ccgncnnnc	ganncacacg	720
angcccncac	acnacagcgc	antnecgnac	cncanacang	acccanctgc	ccncagcgng	780
nnnnggncan	aaangnneng	cncnccncta	cantentcca	cccancnncc	ntnancnccn	840
tantannacc	aagccagtan	ncncacctca	nctnnegaat	cncancacn	ccacanacga	900
ccgcaccccc	caacnncagc	actctcacna	cnnngancan	cannntccac	nacactcntt	960
ctcnntactc	tntctcantc	ccccnnncta	acngetcact	ncacaancna	ncnncnncnn	1020
anntagccta	cgccaacgan	acgcacncta	nancctacga	caccnntcac	nacacctcac	1080
cgtacccccn	cngntctnnc	ctcnanegac	ngaancgtnn	cacgcncanc	acancactcg	1140
agnantcaca	cgnnacacct	ncacgantac	tcgncacccn	nnnanntnac	nccactngan	1200
cgcactentct	cncctaacna	cacnacntac	cncacctcac	nccatatcca	cncctaccac	1260
tcacacanna	ganaagnnna	naccgctctc	agcaentact	cactancncc	ncaacncnca	1320
ccacancnca	nacgtanac	cnetengcgn	ctcacannag	cgnctggnct	gcnnnctccc	1380
gnatannttc	gcacntgan	cacncanacn	tntcccnng	ccccacgact	gagcncnncn	1440
tctcnagacn	ncanccactn	tcnacacnnc	ngacgcanc	tacngcncca	ncncannnct	1500
nanngacnca	cngtccann	ccc				1523

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 4715
 gttatnancn gctcttggtc ntgctnctgg atctttttgc aggatcccat cgattcgaat 60
 ncngcncgag tntaggnttg anccattgna cccagccnag gttnttaata nnannnanag 120
 cntgctgntn tnaaaagtga aaagaggcca gntgtgggtg ntactgnctg nggtcccagc 180
 tntccggag gctgaggcat gaggatcatt tnggccagg ctgcaatgca atggcactga 240
 tcacggcttt ctgcancctt aacntgctgg gngggacacg gagtaccctg tttttnaang 300
 aanantgcag agtacnccaa ttgnatatgn tatataannn caactntcnt aaagganctg 360
 tatatnnaat gagtgggaanc aaatntggca nactnttaat ngnacatatn ttgaaactan 420
 agctcnttac acttctttga nctacaacgg gtatatgtcn tacttanatg atgcacaaaa 480
 ggtgcaccat atatatatat gttnttgacg nnggttntga nagagtttca ctcttgcncn 540
 canntggag aatgtacnga actganatng gngaaatgtc tccancnggg ngatnnagat 600
 nactgggct ntcgtggaag aatggtgtnt accnnaaaat ttggagcctc tttaaacnan 660
 tggngaggac ntttacntng gttccccaaa ttgtngaggg gncntttggn gantttnnnc 720
 cnnncc 726

<210> 4716
 <211> 1554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1554)
 <223> n = A,T,C or G

<400> 4716
 ccaccncnn ntnnttnatn nnnccntncn acctcnnnnn nncnnngggn nantngcnnn 60
 nnnnnnaag nnnnctnatg aactnaataa ganntnctg gtctgaaatn gcctaactng 120
 aatagggct ggggggggnc nncngncna ggnatnntc gtntccagtg ntntngnnng 180
 ntctcgann tnnntntaac tatnnntnnn nanccannan anngtcgngg gntnnnnnat 240
 ntnnnnnntn natccannna ncacanntcc ttctnntcan tccannnaac ctentannnc 300
 cantccccta tnteganca gnnnnnceca cngntnnnnn ngtcnnnnann nnaancnan 360
 nattcagctn nnacnntann ntaacttnc cngcaanga ncnccntct cctcngntcn 420
 accggcnnng nantncnngn tcancannta tntnnntnt nntctatect nnncntntc 480
 tagannann nntnctacn nntncaann cancnncca tanantanc cncctcngnn 540
 ctcnntcctc annccngnac tntcnngct ncnntatc tntntcnac nncacnctat 600
 annnntctn anantcnnn ttcnncnn nctnatcn antgctann cnnnccnnc 660
 nnnatgtan ncannatct ntanancngn ngcnnnctnn tcannnnnca cncntnatca 720
 catntnnctn tnnangann ntcnntntcc nnancatna tctncanctc tncanntntn 780
 cnntatccgc nnnnnancct ntnntacnnt cctnccatan antanaennc nctntcctca 840
 nnnncnnntn antcnntatn cnnnanncn ctctctaca cncgcnng cntcactnn 900
 cncctatcn nnnnaantc ncanctcatn acctcctcn tntnnntnc natcncatnt 960
 atanacnnan actctctntc gncatnnnn gncnntctnc acagtatncc nctntntnc 1020
 ntannancga nntccnncn atataatcac tnnacactnt actcnnantn cttactntnn 1080
 accnctctnn catcnnntc nctctnnnc tcatatntgn ntacnntna ncatctctcn 1140
 cancncna ntacacnnc natnctann ncanantnc ntncannncn tcnnctntc 1200
 ngtnnnnctc nactctnca catatatnat ctanctnac cacnccnntn tnnnnntnc 1260
 tcannnctcn cnnntctatn tgctatacat nccctnnta ncantateca nngccncac 1320
 natanctcan ntatctctn cctntancn cctnctcc tctncanacc cancttactc 1380
 tcttantnnc acnctntcn tccnccnnc tntnatecna acnncnncta nttncatcca 1440
 ncncctccgta tanctccnt nncnnnngc cncnccnta ctctctcan ntgnccnt 1500

ntnncaatntc nctntcnnnc cacccttcn cnnegncnt tnnntnanncc ncct

1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 4717

tttacataca	gctcttggtc	tttttgagg	atccctcgat	togaattcgg	cacgaggtct	60
ctgcaaaaga	cccctccgac	ccgagtggtc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaca	acctggcctc	agggagagag	acgctaccgg	gcttacgcca	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcgggcccctg	accgggcgca	ggtggtggtg	cagtgagcag	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggatttttag	gagagtggaa	aatgcttatc	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatatttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccaccccag	ttctatcata	540
ctccagggtc	tgttgagaat	cttcacggca	agcctgtctt	gttgctgttg	anaatgcgtg	600
gcgcaaaactc	aagaagtctg	taccttggtg	ccaaacctta	ngaaaacctt	tctaatacaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcattcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaagtg	cacaatactt	ctg		763

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (953)

<223> n = A,T,C or G

<400> 4718

nggtncaccg	naacaacgnn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagngn	gagcgcccna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagnag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggtctg	cncaggacc	ngcngcacia	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccncgcan	ctccnaggag	gnaaggcngg	agannccccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggncg	ggcccnag	aaggccccnc	600
ccncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cncccgcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcncncccn	nacnagggnn	acacaaaann	ccngagcgcn	780
cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaacn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4719

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4719

ttnantnngt	cattcctgta	ccagctactt	gttctttttg	caggatccca	tcgattcggn	60
gatatngnnn	gnctanncaa	agtgggaana	ncttncnggc	tgngaaaaca	ngctntangn	120
ccnaanance	ngntttacan	gttnnaanact	ntgtnnnnnt	tgagcatggt	nncnggtctt	180
angnngntat	ttnnangtan	ccactttgna	gaggngtatc	tggaactttt	tcnncttatg	240
gttcaattag	ntccngnntg	cacantgagn	ntgatnatta	cttgtgagnt	gagctcntgc	300
gttttaccga	cttctggctn	ggactgggtg	ccattagcta	tnaanaggcn	tttngtnnca	360
taannttcng	gtaanntgan	ngatctntna	agatnccccct	ttaattcggt	agtantacca	420
ttacgtagnc	naatttanga	tncnnattcc	cnaatttttna	ncatnnccan	ntgtaanatc	480
mntgaattan	cagnacnncc	nanngccctn	tnnaggnttg	atttctcgat	atttgactnc	540
ntctggngng	ananannggc	naagaanttn	accattgggt	angnnaaann	agngtgntgt	600
tagggtnaaa	ntcacctntt	ttttnnacna	atcnntggaa	cantttacna	tcanttngna	660
naaaacnnta	nnncttttgc	ccnatgggan	ctntttntta	aanccnntnc	ctttttntaa	720
cnnttttttn	aaccnttgga	aaaaattngn	taaataaaat	ntngcccttt	aaanantntt	780
tcgnaattnn	gaatatctta	anggcccttt	taaaaaatatg	gnccccggtt	atggngaaaa	840
ntnattgccca	gccantncnt					860

<210> 4720
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4720

ngtctnttaa	cgngctcttg	tcnngctact	tgttcttttt	gcaggatccc	atcgattcgg	60
tcaactccat	ctgcagtgtt	caaggcactg	tggttggcgt	ggacgagagc	actgctttct	120
catggcctgt	gtgtgacatg	tgtggcaacg	ggagattgga	acagaggccg	gaagacagag	180
gcgccttttc	ctgtggggac	tgtcccggg	tggtcacatc	tcctgttctc	aagaggcacc	240
tgcaggtctt	cctggactgc	cgtcaagac	cgcagtgcag	agtgaaggct	aagctgttgc	300
agcgcagcat	ttcctccctg	ctgaggtttg	ccgccggtga	agatgggagc	tacgaagtga	360
agagtgtcct	cggaaaggaa	gtggggttgt	taaattgttt	tgtccagtcc	gtaaccgccc	420
acccgaccag	ctgcattgga	ttggaggaaa	tcgagcttct	gagtgcagga	ggggcctctg	480
cagaacacta	gcgggttgccg	caggatctgt	gaactttgca	atgtggctgc	aagggtggtg	540
gtgggtggtg	tgatttgggg	tagttatttg	ttaactatgg	cacagtgaac	gtagtttacn	600
atcttgaaat	gaaacttana	ttttctgggg	aaatgttcan	atcagttntg	tgaactgtaa	660
atnaaaatac	cttttctaca	gttatctttt	attttctgca	aattangaac	ctnt	714

<210> 4721
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(868)
 <223> n = A,T,C or G

<400> 4721

tttcnngttt	aaacnccttt	aaaaatntgn	nacttngatn	nagtntaaag	tnnccccctct	60
atatattgna	gtancncctn	taaaacatca	ggaaaattaa	ggnggtctnt	nggggggggtg	120
atnttcnatn	ncnantgaat	aatgatccaa	gnntcntant	angaannaan	gcncatatata	180
nanntantan	tactnttttg	ntnnnnanct	antanantct	annntactcn	ntanatanta	240
tencnangtn	ngcatacnat	ntnatcnttn	ntntntttac	tncattatct	ctanatattn	300
nnncnttntn	ntntancatn	cntncnanct	ttcnnnctta	ttnatantnn	tttaantttt	360
tcntntcnc	tencnnnnca	ttnataattn	atnnnttnnn	nnnntnantt	ctntcaatnt	420
ntcatncctc	nnnnctcna	nctntntncc	tnantnnntn	tccantttnc	catttantnn	480
ctannnnntn	nnctcntntn	tntttntnnc	tcctaancct	ctnttttntt	ctcanntntt	540
nttcnncctn	tnntttattt	ntntcntcnn	ncnctcnnnc	tttncnncnn	tntctttcna	600
tantntctnn	ccanntctnc	atatcttntt	nnnccttaa	tnttacnctt	ncccnctncc	660
ccctcnnanc	attttcnttc	tccttanant	nnntnctttn	tnttaanata	tnnnnnntta	720
tttnnaectn	tttgtttgta	ctnctnntna	cncanantca	atnacacatt	tatcncattn	780
canatctttc	naantcncctc	nnattncact	tnattcacna	ntctncaatt	cctacatnct	840
ntatnctnac	ntcatattnn	ctcccnnt				868

<210> 4722
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1612)
 <223> n = A,T,C or G

<400> 4722

gtnnctcaaa	tcngcagcac	gnanagtnca	aagngaagng	gcncctctaca	tatgagaccc	60
tnaaacatca	ganattaggg	ggtctngggg	gggcctcnn	anatncnnga	atactatccg	120
nggccctttt	nngntnannn	ntagagannt	ggngggnntn	nncggngntn	tntctancnn	180
attcnncttt	catctectac	tcnggggggn	nactnnnnac	tctctnacn	ccctncnttc	240
nnctcnnncc	tacctccctn	tnncnntccc	gnactnaaca	cncntccna	cnttncctnc	300
actcnatann	ccnccnacnc	tcttacnntn	nccaccacgt	atctcctncc	nnctctctct	360
nnaccnttan	natnntnact	cncncnctnn	cnttccctata	nctcagcnnn	tcnactccgc	420
ccgtcantcn	gctacngtcc	nnctntctct	nnnnangett	cctnnacttc	ncnntcanca	480
caatntnccct	catctnncca	cttntntncn	atatctctca	ncctctnacn	ntcnnnnntca	540
tcnnnacaaa	tntctnctc	canatccatc	ttntnnnnan	nnaccatntn	anntagntcc	600
nactactntc	ccacgtanac	ntntctntnt	ccnccatctc	acntnntcta	tnatactctn	660
cncctctcac	nctatnanat	cnnatancta	tcctatacct	nttacnaann	ncctcacann	720
ctntccnntc	tctctctann	accttcacnn	ttcnttcnat	attatntact	nntnaccana	780
tancacacna	cncctcccnc	ntatanntac	acntncacnc	actanacnan	ctcncnctca	840
tactctantn	tctcncntc	ttatatcnnt	ctatcatata	ntnacncaag	tcnctctctc	900
atntaccnnn	antnctncc	cactacnnt	ccnctancta	cnatacatnc	acannnnana	960
tcanataccn	ntctcnatnc	nctctcntct	ctntntntca	cncctanattc	nnatatnccn	1020
ctatcnnctt	ccnnntgnc	tcctactnct	ncctcncct	ctctctcnc	tntctnannt	1080
anctnnntct	nttntctctc	ctcncacngt	accnctcnat	atcatntntc	atcncctntc	1140
catanatncg	nnacancnta	tatctctct	ntntncccta	nnatncatct	nctcnnntnc	1200
nnctctctcat	annccnnt	gtcanacnna	ngctctctcn	actntccanc	tcctcnnctc	1260
gcnacngact	nnatcncnat	tcctctnttn	gactcncct	antcatcnc	ccctacnacc	1320
aacaccanna	tactnntcnn	ntcncctctn	aatntcacac	acantncann	ncacctanc	1380
ttatctcant	tctgntnacn	catcactact	cttctcatct	acacatnant	nnancctnat	1440

tntttctacn	ctctccttct	cnctnatna	nnctntacan	gnctctncca	tntctcnccc	1500
ctctcctnt	ntnnntcanc	nnctacnena	ccantcannn	ctancecgcat	ctatatattatn	1560
ctcatatcct	ctanacanta	tcctcanatc	tcactnctan	nnatanacnac	ct	1612

<210> 4723

<211> 1503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1503)

<223> n = A,T,C or G

<400> 4723

ctaaaattgt	ctncgtaaat	ncntnnnnnt	gtacantagg	aacggcnctg	acatatgaga	60
cncttaaaca	tcnganatag	ggngtctngg	gggggcgctt	gcntancnt	gnanntgact	120
nacgnnccan	ttgaantaan	nctttaanga	nattanggen	ttttncgcgc	ntctcncctca	180
ancctnnat	tncantntaa	canngngggg	gcntcctntc	ancatcnanc	ncttncctact	240
tccttttatn	cttctnctcn	cttcnnacta	cttntactnt	nnctnncacc	nnaccancat	300
tnnantntnc	ancctcctc	ntancnttcn	ctnnnncat	ccntnnccn	cncantcct	360
ctaacncct	annctcctn	tntnccanat	tcatnccntt	nnctnancct	tntcncctt	420
ntctatcatt	ctacnctatc	ctctcctaac	nctttttnt	cnctcacnn	tctcncata	480
ctcnnccanc	nacnnaacca	ccntannct	ctnncttcc	tctntantac	ntntcncatct	540
tcnnnncann	tnattctnac	ntantntntc	attnacacnc	tcnncctann	tatnntntta	600
tctctanccc	ctcantanat	ntctccatn	ctcaactntc	tcacctctcc	ctctanattc	660
ncctntntta	gnnactcctc	tggttnctgc	tantattncn	tatacncctc	cnntcncact	720
ntntttttata	tntacancctc	ntcnnnctnn	cctcncntnn	acncntnaat	accctcatct	780
tatatntnt	ntcncnctnn	tatcncatc	ttananccta	cantnttct	cataatcna	840
nnncaactctn	tanntgcaca	tntanaactnc	ccnnncanc	tctttatacc	tntcncatac	900
ntcacnntct	ntnancnact	cnatnactnn	catacactca	natncacctn	ntnnnatntc	960
nccatataatn	tntantanc	cncctctcna	tattatata	ntctcncctc	ntnccncctc	1020
ngnnctcctnc	tntatcanac	tctctatncn	caccaactat	nnctcncant	ncnnnctttc	1080
acnnnntnac	cantcncctn	nancncatc	ntctctccta	tcacttnna	tcntaactct	1140
ctcatatacn	cnantcatnt	cnnntncnac	ncctcncnt	ctcncancct	cttncncact	1200
acnnttatct	actcactcta	tntctcnnnn	ctctacanc	tcncntcgt	ntccacntta	1260
tctnnnnnca	ctatctcctn	cactcncanc	ntaaacctcc	tccttntnca	tntcancctc	1320
ctatnccatt	tctcaatanc	actcncncac	ncattcctct	ntcncatcta	tctcttnccc	1380
ancctcncctn	tctcannan	tngttncctc	atcagnactc	ctatatantn	tatctcncatn	1440
cttncatata	canncatnnn	cttctcnnac	tcatatnntn	ctntantnta	ctatcttntt	1500
cct						1503

<210> 4724

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1309)

<223> n = A,T,C or G

<400> 4724

cantggnaan	tntcccgacc	tangactagg	tnnaccnnc	angnggggaa	aaaagcccc	60
caganagnnn	gaggtttgga	ggnggggaaa	aaagannc	ggggggagg	gggggnnttg	120
gaaaannngg	anacgggggg	gcacgnnngc	gngcgcacnc	ntntttttt	cncnccccc	180

nccntttnttt	tccccncncc	gcncggagtg	nncnngnagn	ggggggnggn	nnnnaganaa	240
gangggggggg	gggaanannn	gttggggngg	ggggggncna	gagngggggg	gncnggcnga	300
nannangcnn	gggggggggn	gagcagangg	angngncna	gggggngng	ggngnggnga	360
gganagcan	gngaggggga	ggngaagag	ngnggagagg	gnagggnagg	nggngngngg	420
ggagnanag	ngngaggnag	nanaggggaa	ggngnagngg	ngggggggng	angaggggga	480
cgnnnnnggn	ngcngagna	gnnggggngg	ngnnanncna	ngncggngga	ngnaangnna	540
nggnngnggg	cnngcgnaa	gagngganaa	ngggagngcg	ngggggggcg	gngngancgn	600
ggagnagng	annngggcnn	gaganggnga	gngngngngg	gcgaangggg	nnnggngngg	660
gggngngggg	cgagagnggn	nggngnnngg	cangtnaaag	gnnnagggna	gaannggng	720
acggaccggn	ngnggaganc	gnggacgaaa	nnngnnagac	gngnggacga	ganacgcng	780
gnannagang	ngggntgggg	annagaggag	cgcgngagaa	cgcnccnnng	gaganngang	840
gagngagagn	ngggnacggg	nnnanngcgn	gcaagagaga	gacgagngac	gcggagngng	900
agagagagag	acngaggaga	gaganannaag	acngacggag	agcacggcg	aggnnnncgc	960
gacgacagag	aggnaggacg	naganaggng	anncgannga	gagggncnca	ccggaannac	1020
gngagacna	cnnagngngc	gaggaacacg	gngcgcgana	ggaggagaac	ncngngangga	1080
ngacgncgng	nancggngga	cacgnangcg	ngagagannn	agagagggag	gcacgaagnn	1140
cggaagagcn	gangggaaga	nnannancga	gnnngagaan	cgagngagc	anaagggagg	1200
angggtcaga	ngagaganag	cacaancgng	agaggnggan	nnaggacgac	ggnggagaga	1260
gaancangng	ggnagaagnn	cngancagga	agggcgnggg	naggngcgc		1309

<210> 4725

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4725

aaaaaaaaa	aaacccccnn	ggggggnnanc	ccctnctaaa	aaaatnnagn	nacctnctgn	60
naagggcgna	aaacnnnnnn	ccctcnnanc	aanatnncag	nnccccccct	aaaaaccatc	120
caggggaanaa	ttaaaggggg	cgtnccntg	ggggggggnnn	nnnnnnnnnn	nnnnnnnncc	180
cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnccccnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnccccnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1140
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1200
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1320
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1359

<210> 4726

<211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4726
 nnnnnnnnnnn

10

<210> 4727
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4727

nngctctn	attnnntgng	gncttgctcg	ntaccncnan	ncngnggna	atcgattggg	60
cccgaggtng	atnnatgnat	actactcctg	cgcgtcagtt	ctcacttttt	ggggccctgc	120
cggctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn	180
atcanncnng	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gctcattctg	240
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt	300
gcngncccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa	360
cctgtncag	ctccntaatn	gtgccttctn	tgttccactg	gentattttc	tgctgagnca	420
ccagacanac	ctnctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tccctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tnccggcnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag	600
ccaaacnctt	gcccttgacc	canatggtna	accttggtacc	tttggnagg	tcacactttt	660
ttnttgga	aanaaccng	gcancnnttg	ancttggtg	gaaggaaaaa	cgtccccgan	720
gatcttcaaa	gcaaattgat	gccggggaac	ccaaaccctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

<210> 4728
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4728

nngctctn	attnnntgng	gncttgctcg	ntaccncnan	ncngnggna	atcgattggg	60
cccgaggtng	atnnatgnat	actactcctg	cgcgtcagtt	ctcacttttt	ggggccctgc	120
cggctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn	180
atcanncnng	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gctcattctg	240
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt	300
gcngncccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa	360
cctgtncag	ctccntaatn	gtgccttctn	tgttccactg	gentattttc	tgctgagnca	420

ccagacacac	ctncctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tccttgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tnccggccnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag	600
ccaaacncct	gcccttgacc	canatggtna	accttggtacc	tttggnagg	tcacactttt	660
ttnttggaag	aanaaccng	gcancnnttg	ancttggtg	gaaggaaaaa	cgtccccgan	720
gatcttcaaa	gcaaattgat	gccggggaac	caaaccctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

<210> 4729

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1064)

<223> n = A,T,C or G

<400> 4729

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atTTTTgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttctna	tgcccatgac	tggaacagg	240
atgcaacctn	ttnttacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacacngt	nnttcnnttc	tanntgcna	nancttcac	caatcngntc	annnnnnntn	360
ctcactcna	ccanccatc	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tencactntt	tactactcnc	nattactctt	nnncntacn	ctcatcacat	acnctttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtctntct	600
atcnncntnn	aagnctntnt	naatnnnttc	tctganaenc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggataactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natentttta	tanctcnnan	tnaaacngtc	840
ntntctnna	tentnctntt	tcganatctc	nnacntntc	tntntatnct	tnttcttct	900
ctntaatatc	nantcatctt	agtctcnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttntntancat	annacnnac	1020
ctanatnant	cctctaannt	aacttcatct	nctntntact	annt		1064

<210> 4730

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(915)

<223> n = A,T,C or G

<400> 4730

atnnananen	tanaanctaa	acnattnnnn	tatantnanc	ntnnnnct	tttnmncnata	60
ctnnntntc	cnnnntttt	ttaagcnttc	taaatgcttg	gcaatcgccn	cctantanng	120
gcntggngat	ncgcnccagn	acctgctata	gttnngnnac	nnaccacacc	cttnccannaa	180
atcttaacaa	gggggngggg	ataaaanaaa	aacntccaca	attaccttaa	aagggaactct	240
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanttgaa	300
atattcttag	aagggggtgtg	tntgtctanc	tgngtctacc	atgngtantg	tattcntgac	360
aagcactnta	aaatacctgn	tnatntttct	atacattacg	nataatngcc	ataangantt	420

aanctncata	tatntcatca	nccctaattg	aatcannnnn	aaatattttt	attgcccacn	480
anatctaatt	tcacttatac	tatcccnana	atagtaanac	nactacagct	nnttacncna	540
tntaaacctt	tnnnanntnn	cacaatatna	tacgnnannc	canttatacna	ttangnnntn	600
naanaancan	aantncaann	atttcctnat	cnaaatcaca	attttctncn	naancaaata	660
ntncattcen	accncennatn	ccncagaaaa	tntncacctc	ctatcaatat	ancaatntat	720
tnanaccang	nnncnncant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn	780
cnttcnntta	acanatatnt	tcanaantcc	anattncatt	tcacttntac	tacaccnnaa	840
caanacntca	aatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannach	900
cantattncc	ntncn					915

<210> 4731

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1479)

<223> n = A,T,C or G

<400> 4731

agcctcttaa	actncaantt	ntaacttcnn	nangcnaaac	gncnctctat	atatcgngt	60
ancnccttaa	aacatcatga	nattatgggg	gtcttttngg	ggnggennac	taccatctat	120
catenctenc	nnntacnang	acccttnta	cnactactnt	cncctctnat	gannngctcc	180
gtctnnnnnn	ctcnntannn	ttatctacnn	ctctcttctc	ncctentcat	nnctnnchnaa	240
ncattcctcn	cctcatatcn	actccctctc	aattcancca	tctatatntc	tnanatcnc	300
ancattacgn	tattntacna	cacactctcg	naacncgctc	tntnagatnn	tctctcacta	360
cncnntanca	tnnttcacna	tcanncnata	ntcttcnanc	agnncccttc	ctctccngca	420
tctccttctc	ctcatnctnn	cnnattnann	nnctcctac	tcactnntcc	ctntcncacc	480
nnanctanc	cncctntatn	ntcncccccn	tgcctntnta	ctccctnccc	cnttcatecc	540
cntntccnac	ttnttcancn	nnctnnccctt	actnnatctc	ntctntatcn	ccccattatn	600
ctnnnnnnnc	tangaacnnc	nnctntcaat	tttccccatn	ncncncnnnt	tnncgctnnn	660
ctttcngent	ctcncnttac	centtntnct	annctcctt	nanctcnncc	cncctctctt	720
ncantcganc	nacnncccc	tcnacnatct	ntannnnctt	cnnncnnnnnc	ntatcantcn	780
cctccncact	catccatcta	cnnacacnca	ctctanactn	tnnccactnc	ctccactctc	840
tctcttance	tcnctctcan	ntnatccttc	tctctntctc	attannantn	ancctccntt	900
tnaaatccnt	cacncatact	naccatcttc	nccaaactntn	tcttnnnntcc	nattncatnt	960
cctcccntaa	mntanncaat	ctctctnnnt	cactcacanc	tnnacactcc	attctcnnta	1020
nnctctcnac	anncaactcan	cttcnactca	tanactcaca	ctancennnt	tnnntcttac	1080
antccnacnc	ntanatttct	ctccnnntnn	atcacanaac	cacatctata	tactatctta	1140
tcactccntn	tctcagntnt	ctctctcacc	ntntatnctn	aactctatat	cactcaancc	1200
atactctnat	canatcttgc	tcncacctat	atnctctctc	ncaccctact	cncctctaca	1260
tgtenacate	tccntcnct	ntataccacn	canttactna	ctnnncncan	actcngccnt	1320
acnctactac	actgcantct	ctatctctnc	ntcgcacacn	cncctctngc	nccccactct	1380
cntcttntct	cnnctcnac	tctctctntc	nantcnactc	tcccnacacat	ctatatntat	1440
tctctctctc	atctccnctc	ccctcctact	canaccccg			1479

<210> 4732

<211> 1764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1764)

<223> n = A,T,C or G

<400> 4732

cnaccctnca	aaaaattcat	ataccanaca	nnnaggcct	cttggnanng	gcnnccttcn	60
naacatnaat	tgcnagtacc	cnccttnaaa	aaaccatcat	gnaaaataat	gggggngtct	120
tttngggggg	gnggnacnna	antcaantca	ancccatnaa	accacnaant	tcnccgnaccc	180
cttaaaccgt	naananatnc	actancanan	natnnccetaa	gtnancnttc	ctgnnnctnc	240
ncnnacaacc	taccctctan	tnntccctc	ctattnnntn	cntnctccca	cnancnnncn	300
cnctctctcn	cctacatntn	ttccanataa	cncctcacnn	nccctacnnc	cnccacatct	360
ntanaacccc	ancacncctc	cccacctnca	nnctacnnac	ctactcnact	nnacantecn	420
ccnccctttct	cnnetcnmnt	anttcaactac	ctcttnnaact	accccaanat	ctacntcccc	480
ctctctccac	ncacanttac	nctctcanca	actnccancc	atnccnccnc	atanacacct	540
nacncncncn	tnntctcccc	ntaaccaaat	nacctccctc	nattcatnan	tnatnnnnac	600
cnnetatccc	accncantan	acntccacc	nnactaactc	caccacctcc	cactactntc	660
tctcctaate	nacnctancn	cntccaccan	ntcantcctn	ctcantctcn	nacaccmntn	720
ntacnatcca	tnnctcnana	ccntctnntc	canacccctn	ctntcaatca	ctnctacata	780
tncccatcnc	tatatantnt	nctctctcat	ctcnatccaa	tcctcnccnc	atacanctct	840
ntacatctct	cncnctcatc	actnantctn	ctcnctcnac	tnntntcaen	cnacactnac	900
ntntcacnna	ctatecnaca	ccatacatte	tnctccannn	ctaataacca	catctntaac	960
tacnnccaca	cncancnncn	cnacncccat	acntctctnc	acnncnctcat	nnaccaactc	1020
cncnncttan	catcncncna	cactacacaa	ccatcaanna	nnntcctctc	atannacacc	1080
tnntntncac	caentcnntn	tcactacact	cactataann	ctctntncan	ntctancata	1140
cctctnnact	ntcnaccact	ctccctcact	cactctccac	natcacntct	ctcacactca	1200
tatcatccnc	tactctacnc	nttaacnctc	ttatcancat	acatntcatc	acttcnaacn	1260
cntctntcnc	ancancancn	atactncct	nnntcnctnc	actctctatc	cntacanctc	1320
aatccaattc	ccactncnct	catncatntc	ncctcacnan	ctcacctcat	tnactcact	1380
ataannccctc	acctcacccn	acactccctc	tantcccnnc	tctcctactc	acactctcac	1440
tcactctcnc	ctcnacatcc	tcancnnttc	ncanctcaen	ctatcnncna	tatatntcnc	1500
taatcatcnc	ctntcacana	ctnctntcac	actacacnca	ccctnctcan	ctnctntnt	1560
ccctctctac	tcttctntcc	ancacatctc	tctcactana	cacncatntc	cntccatcan	1620
ancanatan	anacncctat	acacnntnca	tactctntnt	atcaatatcc	cctntcaaac	1680
tcnctcttct	tannactacn	ctatcactnt	cncctctcaac	tnctactata	tctcactcan	1740
tctcnacnc	tacantntcn	ncnt				1764

<210> 4733

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(953)

<223> n = A,T,C or G

<400> 4733

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaaggc	aggggtgngg	60
ccngagagcc	gngcncacng	ggcacancag	cgacctttta	ggcnttnctg	cactgncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggacaacct	tggagagaag	ccgtatncac	nnacangat	aaaancgcc	tggaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnn	gagcgcccna	300
ccgacngtnn	gcngatcaga	nacnggagag	gnggagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggctcg	cncaggacc	ngcngcacaa	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccncgan	ctccnaggag	gnaaggcngg	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggngc	ggcccnncag	aaggccccnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaa	660
ccccccnnac	acnggaaana	cnccegcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcncncccn	nacnagggnn	acacaaaann	ccngagcgcn	780

cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4734

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1046)

<223> n = A,T,C or G

<400> 4734

gtanctnatt	nttttgatgg	nctaaatngc	cctaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaatact	nmngntacan	ancatagggtc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaanaaaacn	ncttgccctc	agccttcaag	cnattatatc	ngctctcatc	180
cctncngnnt	acgncgnnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	ggtantcaca	anctgntncn	ccagcnatnc	tnaatntctc	300
ngngacctcc	nganccnnnc	ncntnnnnct	nnnanngngc	ngncattaca	nncentnanc	360
cactgttncc	ngacctcaac	nntcttacca	anaatgtnt	nccnntgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnacctc	ttcnntance	aananttnnn	480
ntnctngtc	ncanantgt	cncctcattn	nnannnctcn	tgtnacnnnn	tcnnnttact	540
anntagcact	atnattatac	ngtnnatctn	tacanannct	ncatnnctan	atnttacnnc	600
anattccctc	tttngctcac	ttnnccatata	cttctcanen	nactctcgcc	gangtctctc	660
gnnatatctn	antanctnat	ntntgnnnna	gcatcatatn	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntncacatct	nncacacacn	780
nntagtgcac	atanantcct	cnngangatc	naantctcct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	nntcactnga	ttctntnnnt	annnacaan	acnatacngc	anaatnacat	900
ncnatanann	ctntntcacg	nnncatcgta	tntctnannt	tnntnecgnc	nncnctnncn	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnccnncag	cngtnannca	cctnct				1046

<210> 4735

<211> 1337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1337)

<223> n = A,T,C or G

<400> 4735

cccnnaaaaa	aatttnnaanc	cccccgncgt	taaaaaancc	ctcttaaaaa	aaatttggnn	60
gectnctgna	ggggggcna	aacnnnnccc	ccctcnnanc	annatnnnng	ncccccccn	120
ctaaaaacca	tccagggac	aatnatgggg	gectcnnntt	ngggggggn	cnnnnnnnn	180
nnnnnnnncc	nnnnnnnnccn	nnnnnnnnccn	nnnnnnnnccn	nnnnnnnnccn	nnnnnnnncc	240
cncnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660

ccccccnnnn	ccnncccccc	cnncennenc	ccnncccccc	ccnncccccc	ccnncccccc	720
cccccccccc	ccnnccccnn	cccccccccc	nncccccccc	cccccccccc	ccnncccccc	780
nncccccccc	nnnncccccc	cncccccccc	cccccccccc	nncccccccc	cncccccccc	840
ccccccccnn	cncccccccc	cncccccccc	cccccccccc	nncccccccc	nncccccccc	900
nncccccccc	nncccccccc	cncccccccc	cccccccccc	nncccccccc	nncccccccc	960
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1020
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1080
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1140
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1200
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1260
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1320
nncccccccc	nncccccccc	nncccccccc	cccccccccc	nncccccccc	nncccccccc	1337

<210> 4736

<211> 1312

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1312)

<223> n = A,T,C or G

<400> 4736

ccctnaaaaa	aaatttgng	gncccneggg	ggggnnnnnn	nncccttta	aaaaaatatg	60
gaggcctctg	nngggggagna	aacnnncncc	ctcnnancat	atncaggacc	tcctcnaaaa	120
catcaggana	aaanggggggt	ctggggggggg	gnccnnncna	nnccnnccnn	acnccngcna	180
nnccctnaanc	cnnnananaac	tnnnnnnnnn	nnccnnnnnn	nnccnnncan	ncnnncnncn	240
gnccnnnnna	ccnnccccnn	cccaaccnnc	nncccccccc	cncccnccnn	nnccnancct	300
cnccnnnnnn	ncctccnnnc	ancnnnnncn	nnccnnncnn	ccacccannn	nacnnnnccn	360
cccncccccc	nnccnncccc	cancannccn	ccccccaccn	nncccccccc	ccccannccn	420
caccnncccn	nnccnncccc	cncaccncc	ccacnnccnn	cnccnnccnn	ncnnncnncn	480
ccccnnnnnn	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	540
cnacnaanna	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	600
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	660
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	720
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	780
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	840
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	900
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	960
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1020
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1080
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1140
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1200
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1260
nnccnncccc	nnccnncccc	nnccnnccnn	nnccnnccnn	nnccnnccnn	nnccnnccnn	1312

<210> 4737

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 4737

gtntttatnc	cngnnctctt	gttctttttg	caggatccct	cgnttcgaat	tcggcacgag	60
gnactaggct	cgcgnntgt	ntntttntn	tntntgat	tacnccatag	gtttngggtn	120
acnatnaatg	tttgcattn	ntttnaaagc	ntagctctta	ctaancattc	tttaacaaaa	180
gctaataatc	nnnatatnat	ttgccatacc	gaaactatct	ncncaaanaa	nactttann	240
cantatnnna	agctnaagan	ttaganaaan	tacaaaacac	tgctatgagt	caatngaact	300
gctatcattg	aatttgctgc	atttanaatg	acataaacat	actgaacatc	aaaacaatgg	360
natggattta	ttctatanga	ctagccttaa	gaatgacata	canttngcga	nttcctttaa	420
aaatnatntt	ttacnacaga	ntccatttga	acnaagggtc	tttttttccc	ctcatttnan	480
gggaagacnn	tcnatgtttc	ccaaacnnat	cctcctttca	tactananta	gcaaactgtg	540
gcctcnatct	ccnnttccag	atgctactta	tanatnactt	ttgcataata	acttaaatta	600
gaattacttt	ncttggnaac	agtgtcacgg	ccataaaaatn	antccanttt	taaaaaaaca	660
nacttcaagn	gcaaattnta	gaaaacttcc	tttaaagaan	taccnaaccc	agccc	715

<210> 4738

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4738

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggctctg	180
gcaactgcag	ccaggccagg	atgccacccc	cgccctctac	acggccccct	ggggcctgcg	240
cccgtaaac	tgggtgccag	gagcactgcc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcctgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcacccaggg	cctgacccca	gagtgggtccc	aacaacccgg	tctcatgccc	actccccatc	660
cctgcttnc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4739

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4739

nctaagtctg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggctctg	180
gcaactgcag	ccaggccagg	atgccacccc	cgccctctac	acggccccct	ggggcctgcg	240
cccgtaaac	tgggtgccag	gagcactgcc	agcttgccag	tttctgcccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420

acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcctgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcacccaggg	cctgaccca	gagtgggtccc	aacaaccg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4740

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A,T,C or G

<400> 4740

cgggnttttaa	aactnctaaa	tanntgngct	tccantaggn	gaaaacgtgc	acccttaaan	60
atatttnagn	ccnnccnna	aaanatcagg	gaaattatgg	gggtcntttt	gggggggnntc	120
tcagctntan	tctnananta	tntatanann	ncnnncnann	nntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnncnat	actacttcat	cntcnacaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnate	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttccctnnn	aaatntantn	ntnantnct	caatacannc	cnntcactct	tannnnnnnt	420
ccncatanac	antnancctt	actnccnnc	acctttcnnc	aataattctt	anacntnana	480
cnctnnnnnt	natncatana	tcacntcntn	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttntct	natatacttc	nacanatttc	tcnttanttt	600
tatcnanact	attcancnta	ctnatnatnt	tcctattctc	actnaanana	tntntnnct	660
caatntcata	tntctctctn	tntcttntnt	ctcntactan	tntnecatcat	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	ttntctaatac	780
tntantcnat	ctctatctnt	ntcactncnn	atcttnanct	ntatatncta	tatcatctac	840
tctcnccant	accntcctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctattntan	cntaatctc	ncncatanac	tngttntat	cnctnnctnc	tcantcnctc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatectncnc	tnnanatnta	1020
acagtcactc	tnatatanta	tnntntntaca	ctcanatcac	ctctcnctta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	nctntacaca	catnntantc	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	nctaccanct	ncctcaattc	1200
aatcatnecn	canctntnta	tcacttctnta	attatatatn	tcttaagtcc	nanatgtnac	1260
taantgacta	tntnaatctn	tcatnntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	nnttanntac	nctgntntat	1440
nnanat						1446

<210> 4741

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A,T,C or G

<400> 4741

cgggnttttaa	aactnctaaa	tanntgngct	tccantaggn	gaaaacgtgc	acccttaaan	60
atatttnagn	ccnnccnna	aaanatcagg	gaaattatgg	gggtcntttt	gggggggnntc	120

tcagctntan	tctnananta	tntatanann	ncnnncnnann	mntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnnnat	actacttcat	cntcnacaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnatc	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttctctnnn	aaatntantn	ntnantnct	caatacannc	cnntcatcct	tannnnnnnt	420
ccncatanac	antnancttt	actnccnnc	acctttcnnc	aataattctt	anacntnana	480
cnctnnnnnt	natncatana	tcacntctn	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttntct	natatacttc	nacanatttc	tcnttanttt	600
tatcnanact	attcancnta	ctnatnatnt	tcttattctc	actnaanaana	tntntnnct	660
caatntcata	tntctctctn	tntctcttnt	ctcntactan	tntnecatcat	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	ttntctaatac	780
tntantcnat	ctctatctnt	ntcactnctn	atcttnanct	ntatatncta	tatcatctac	840
tctcnccant	accntcctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctattntan	cntaatctnc	ncncatanac	tngttntat	cnctnnctnc	tcantcctc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatcctncnc	tnnanatnta	1020
acagtcactc	tnatatanta	tnntntnaca	ctcanatcac	ctctcnctta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	nctntacaca	catnntantc	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	nctaccanct	ncctcaattc	1200
aatcatnogn	canctntnta	tcacttctna	attatatatn	tcttaagtcc	nanatgtnac	1260
taantgacta	tntnaatctn	tcatnntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnnttctata	tnntcacaac	tatatntana	nnttanntac	nctgntntat	1440
nnanat						1446

<210> 4742

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 4742

tngtaccaat	tatctgctgg	ctanntagcc	taaanagntt	ggctcngggcg	aattcggcac	60
gagggnaaag	cagnaagtaa	tgagcttgtc	cgtcagctgg	tagctttcat	tcgtnaaaga	120
gataaaagag	tgtagggcga	tcgaaaactt	gtggaagaac	agaatgcaga	gaaggcgagg	180
aaagccgaan	agatgaggcg	gcagcagaag	ctaaagcagg	ccaaactggg	ggagcagtac	240
agagaacaga	gctggatgac	tatggccaat	ttggagaaag	agctccagga	gatggaggca	300
cggtacgaga	aggagtttgg	agatggatcg	gatgaaaatg	aaatggaaga	acatgaactc	360
aaagatgagg	aggatggtaa	agacagtgat	gaggccnagg	acgctgagct	ctatgatgac	420
ctttactgtc	cancatgtga	caaatcnttc	aagacanaaa	atggccatga	agaatcacga	480
gaagtcaaan	aagcatcggg	aaatgggtggc	cttgctaaaa	caacagctng	angangaacg	540
aagaaaattt	ttcaagacct	caaattgatt	gaaaatccat	tagatgacaa	ttcttgagga	600
agaaatgnga	aagatgcacc	aaaaacaana	agctttctac	acantnaaat	ccnannaact	660
ccatcctct	anaactatnn	gtgagtcctt	nttactntna	tccagacatg	antancnata	720
cnattgatgg	aacc					734

<210> 4743

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1226)

<223> n = A,T,C or G

<400> 4743

nnggggttna	cnccttctaaa	atntttnnct	tncnntgn	caaanggggg	cccctctnan	60
natnttcaga	nccncctnaa	aaanatccag	ggaanatttt	ggggggtctt	tttgggggnc	120
tcctttatna	ncnatccann	natatncatn	nttcnctcta	natgctnann	ncanatata	180
tcaagatctt	cnnctcnct	cancntntct	catanntact	taactnataa	tatcatatta	240
cactcntagt	cttntctacca	canccttnnc	tcattttaatn	acnccctaant	cactctattn	300
tnccntcatn	tanatttnnat	catcatncac	tcttntttnt	nttatctcta	netanancat	360
cntatatttc	tactcaanaa	ttatcnnnn	nnntantcna	tcaccnctca	taatnttntn	420
nnnnnnnttn	cctaanaacct	ntactantnc	antctnanntn	cnnctnnnn	nnttcctntc	480
tentntttnt	nnntantcant	ntcnncnnn	tcnnttntct	ntnttanatc	anccatnttc	540
ttgcnnattt	cnaccnntn	catatcccan	cctntanant	tacatcnct	nttctactnn	600
netnctntnt	ncctnnantn	cttancatat	atttantnct	ntnncanant	atattannnt	660
tcctnttnat	atntcttact	attcnctntc	cnatattcan	ttctatnacn	tcanntactc	720
anntnnctta	tgnnttatcc	tcttatctct	atctntcnca	naantctcta	cactnnnnnn	780
nttatctatc	ntctanact	cttactctat	atenttntat	ttatcactca	ttccacnctn	840
tcctcttntc	tcanaatctat	ncactatcta	cctatatata	tentattntn	cttataccnc	900
ctatattctn	taatcattca	tanntaccaa	cntacatcat	tcncaccttn	tatacctcat	960
natctatnct	attctactct	acatacanct	catagtcant	antctatctc	anctcctcan	1020
catctcactc	nnnatctaac	ntncantnta	tctatctctc	cnatctatat	tctacnctat	1080
acnacactac	nctctcttna	tnnnctctnt	atntcnntct	tantattntc	tctanntccn	1140
tatntatnct	catcnnacan	atatccatnn	ttgcncnacn	cnannatctn	cnetctctct	1200
nttatctana	ctgntctntc	tacanc				1226

<210> 4744

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4744

gnnnnnngagn	gggggnnttt	nnnnnnnaccg	aagaacnct	ggaaaccccn	ttgaattcaa	60
aaccatgnnc	acaagctact	tgttctntnga	gcaggaaccc	atcgactcgn	aanttnnccg	120
aggggaggag	gaccacnggc	gcccggncag	ccacaccnng	aaatggggga	gcancgcncn	180
gggnaggggg	gcccancgga	aaatgnggca	gnccgnaagg	anaaanacgc	aagganncag	240
agcaggccca	acngnggnga	aagggaanag	cannagccgc	annngngggc	gnaacgccnc	300
gcacaaaaac	atgcggagca	agagcnccca	tggagaacng	anggggcccc	gcaaagnagc	360
gctagnncaa	gnnagnacgn	anaacnncna	ngngaangtg	gcngcangag	nacnacagaa	420
ancgactggg	nacccaaggc	cagccngaca	acnccancna	aanaccganc	tgnnangcng	480
cagagnanga	actgggatga	aacaaannag	gaagggcggt	ggcgaagagg	ncaactaggc	540
agcgaacaaa	accnccacca	agnggancaa	ggangccang	gngagacgcc	agacgcntnt	600
gccagatca	ggaaacgaaa	gggacnnang	ncgacatcna	nancccnaga	agngaacagg	660
agnnnacgca	agccccncga	cnanagaagn	gagatgggct	gaacagnnna	nnatgtnatg	720
ngcagnnnaa	nagagngctc	aacgnnaa				747

<210> 4745

<211> 1064

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1064)
 <223> n = A,T,C or G

<400> 4745

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atttttgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccttc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttcctna	tggccatgac	tggaacaggg	240
atgcaacctn	ttntacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancttcac	caatcngntc	annnnntnn	360
ctcactenna	cccancatc	cnannntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaacncat	caatnnnttt	nntnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tcncactntt	tcatactcnc	nattactctt	nnncntacn	ctcatcacat	acncnttaat	540
nnnnccmntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagtctctt	600
atcnnctnnn	aagntctntn	naatntnttc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttncgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnnan	tntaacngtc	840
ntntctnna	tctntctntt	tcganatctc	nncactnttc	tntntatnct	tnttcttct	900
ctntaatatc	nantcatctt	agtctcnnna	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatatatc	ttnttancat	annacnncac	1020
ctanatnant	cctctaannt	aacttcactc	nctntntact	annt		1064

<210> 4746
 <211> 1471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1471)
 <223> n = A,T,C or G

<400> 4746

ccccnngcac	acaangncnc	anannnnncan	cgannagagcg	ntgcagagac	agcgcgnnna	60
cncnnnnnca	cagccannca	nnngnnanca	cgacgnnngg	gcnggagnac	gnagannncnc	120
nnacacnnng	nnngnanaan	nacngnanac	acnnnnggna	cgngncnnc	gagnacnnng	180
accncagcga	nagnnncata	nnnngggggg	cnnnnagagg	gagatccgcg	cacagnattg	240
ggcantcctt	ttttgggnna	aaacccggnt	tgggagaaaa	aacccccatn	acgacagnga	300
gacagaggag	aganngcgcn	cnnngnaccc	agncaagtnc	gcgacgtccg	ancagccccg	360
acgcnggagc	gaggagcnta	gnaacnnncc	nccacnncnc	acgcnnnaan	acnnnnnang	420
gggnggacga	tataagcacc	ganngncnca	nnatctcna	ntcannannn	ncacacncca	480
gcaanngcc	nnngcgcgna	nnnaanncca	gnaacnnagg	cncnnanann	nnnancnncn	540
cnannnnngn	ggacnnnnnn	nnngnnnnnn	gcgcannancn	cccngnngng	nnngngacca	600
nnccccgcnc	ncnnnnnnnaa	annnanannc	taacaaactn	nnnnnannnn	ncnngncng	660
cnnaagnacn	ncaggannnn	cannancan	ncncnannc	accnngncnc	cnnaannгаа	720
gnantcnnnc	gncanctnac	ngcancnnac	gnccangcnc	nacannancg	cnanancntg	780
ncgagacata	nncgacgaga	nncantngcn	nntnnncnta	ntntacannn	cgcccganag	840
cntcngacag	ncgntncgtc	gacagcntnn	cgcacacnnt	ggntgantcc	ngagncatat	900
agaatcagcg	nnnangcaga	cacnacnag	agnangncan	ctcnacgacg	anacaacatc	960
gcgngganc	annnnngnga	cgantccnaa	nnancagnng	nnctacgca	ganccccacc	1020
ncgaaannna	tncanctann	cagctngcna	nggacanaca	cgcgngngg	cacaagacga	1080
gccagacngc	annacgcgng	ngccnactn	gnctcacgcc	acagaacann	ntacacnagc	1140
gccngcnaga	gcncacacag	nggtnagana	nggncncgcn	cntnnatgcc	atngnaacca	1200

cgnagacgca	ccgagacatn	nnacaangcg	ctcgcgcaga	gncnanncnc	nagacggccg	1260
tatnagnagn	gagnacanc	nanngnnnga	gcagcnnnan	cgcanagnga	gagagcacnc	1320
agngganaca	cgccgtagac	cnnntcngg	ncgcncccgc	ncnggnagca	nntnnnnccn	1380
ntntagacan	ncagcgtgn	nngacatann	gnaccatcat	gtacncagcc	agcnnantag	1440
agntncncan	acggcagcna	gcagcacnnn	c			1471

<210> 4747

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(915)

<223> n = A,T,C or G

<400> 4747

cgaccagaac	ngcctngaaa	tcccacaaac	gaggagcaan	cgacgcgaag	acggcacgag	60
agcgcgaggc	aacgnccccg	ccattntnn	ccacgctggg	aagaccaaca	cccnccgag	120
cgcnanacag	cacccccacg	gcggangcaa	ncgangaccn	ncggacagca	cncacgggnc	180
gganccaggn	acgcncgcn	cnngngcncg	gaaccnggac	cagccaanag	cgcnctgng	240
ccngacngag	nncnccnaag	gncganaanc	ccgagcncgc	agaagaancc	ccggggaaacg	300
agcngacggg	anccgcaaaa	aggcacccnaa	gacacaaggc	gcaccacgag	gcncggaccg	360
ngncccnag	ngcccganag	ccaacacagg	ncannngnag	ngacgnacag	aaccggaaan	420
caacngccac	acaaaggngc	caaccgnacg	cnacnggggg	gccccnaca	gggnaaagac	480
ccaggaancc	aagngggccn	ggncnanccc	cnggaaanng	accnggcaan	nngggcnnga	540
agaaaaaac	aaaggccnag	cgaancngaa	acccangcag	ccagagcacg	nanaggnaag	600
cggcaanaaa	ccgganaggc	cccaggangg	accgaaagna	ccngggngc	cccaangccc	660
aggcccaaaa	cgcncagaaa	aaggnnanna	accaaaaggcc	cagngngccc	cgaancaccn	720
nnncagcacc	nagganaacn	aganagaacc	gcgaccaacc	cnanaanncc	ggncaaaanna	780
canaanccat	ccncaggggn	gaaggancac	nngccnnncc	ncnanncaaa	nccaaagccn	840
ncacaaangg	ccacaggnc	anagcanncg	nacnaccgcc	anacaangcc	cagaanannc	900
ggggganngg	ngccg					915

<210> 4748

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4748

gtttannan	cagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
agaaggacgt	gccgtgccgc	tgggttctga	gccggagtgg	tcggtgggtg	ggatggaggc	120
gaccttggag	cagcacttgg	aagacacaat	gaagaatccc	tccattgttg	gagtcctgtg	180
cacagattca	caaggactta	atctgggttg	ccgcgggacc	ctgtcagatg	agcatgctgg	240
agtgatctct	gttctagccc	agcaagcagc	taagctaacc	tctgaccca	ctgatattcc	300
tgtggtgtgt	ctagaatnag	atnatgggaa	cattatgatc	cagaaacacg	atggcatnac	360
ggtggcagtg	cacaaaatgg	cctcttgatg	ctcatatctg	gtcttnanca	acctgtntn	420
tgaantcgng	naccncnat	gtgnaaatcc	cctntntaac	ttctcaagnn	tcncnngttt	480
nggncnttct	tttaagggtg	cctttggggc	cttttctggg	gnaantttta	anaangcana	540
nnngcgnntt	ttaanagggc	tnttttnggc	ccccctntnt	tttnnaaaaa	atttttntnt	600
taaaaaaggg	gggattccnt	tnttttnnaa	aaaaanccaag	ggnnnncnncc	gggggccaac	660

ntnnnggnat taanaaaaaat tttnggngngg tnatancaaaa taaaantntt nttttgggan	720
ggaaaatttg naaaaaaannn nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt	780
nnnannct	789

<210> 4749
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4749	
nnnnnnnnnn	10

<210> 4750
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4750	
gagaggnnnn ttttnaanat cagctacttg ttctttttgc nggatccctc gatttnaatt	60
cggcacgagg tcacacgggg ccacatctgc tgggtgccctc cgtgctcctc tgcagcaagc	120
ccagcctggc cattgctgga ggtcctggag cccacagtgc cttggcctta aagagctcac	180
ttgagaaacg gcttggtccg gtgggggtggg ggggtggattg aagactctga gacgagcagg	240
gaactcagaa cactgagtcc ctatttgatg ttaaaatatg accgttaaac ttctgggtaa	300
gataatgaat ggcactatgg ttatactgt ttctgttnta tgggctcttn cagagacgtg	360
aactggaaaa ggctctgcan tgtctgggat tcgctcaatg ctgcagggga gggcaggtgt	420
gaggggaatg gccctggagg gtgatggggc tggggcatcc gatgcagctt tatagtctg	480
taattaccac ttttaaactt tttattacga aaaatgtcaa ggacctgga attaccgtga	540
ggtaggcagg ataatgggcc cccaagatgc ccgtgttggtg acccccaaga cctttgtgag	600
tgccctacat ngggaaattg gcctangtca tcttgcan gcanggaag cccattggc	660
ccttaaagct tganancett tctgctgga ntttganaga tgccngaanc annanaagnt	720
anaaacccct nggaagggcc ntacttcct	749

<210> 4751
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4751	
gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac	60
gaggtgcgac gaaggagtag gtggtgggat ctaccgtgg gtccgattag ccttttctct	120
gccttgcttg cttgagcttc agcggaattc gaaatggctg gcggtgaaggc tggaaaggac	180

tccggaaagg	ccaagacaaa	ggcggtttcc	cgctcgcaga	gagccggctt	gcagttccca	240
gtggggcgta	ttcatcgaca	cctaaaaatct	aggacgacca	gtcatggacg	tgtggggcgcg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	cccctcgtca	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtggtggn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	540
aggatgcctg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tgggaagttaa	ttagctttcc	accaacacaa	tttctgct		708

<210> 4752

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4752

ggnttttnan	tctacanncn	actggctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcttntntg	gnctnnccgn	ctattntggn	atcagagnng	ctgggacagt	120
tgntgctnnc	ctnnntnacg	nnagnnttn	nangnatgat	ntctatgtgn	annacatcnn	180
gaannagnct	angaanaatg	ttgacnccan	tgtttnttnn	atgannactc	gaanatncat	240
atatgggnant	aaangcaaan	ctntannctt	gngannngng	nctagtatna	ctcacgcgcc	300
cngcnaagac	cctgctctnc	gcagnannat	acagtatgct	attctggact	tacngagtcn	360
gttcnagcat	aatggattcc	nttgccctgc	tacntgnnnc	aganaatctc	anntnctggt	420
naccaacctn	ncnangnnat	nnccctantt	acgcctcgan	agnatgtgat	atnntaannt	480
gaatnatana	tctgatgnac	tactgacagc	ttctngatgc	ctgctcagga	taatgcctgg	540
ngcatntgac	atcaatanca	acctngntnt	naggctctan	tccttgaang	actntgntaa	600
tgcntacaat	gnttataann	ttgnccatcc	acaatntgaa	aatcaggagc	ttgacngcgn	660
tatnggncaa	caactnctac	ngaacntagt	gaacattgga	tgaatatnnt	aaagcctggt	720
angcnnatat	tnggatn					737

<210> 4753

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4753

tgtacnaann	antgnggtng	ctcgtncctt	ctcnnaanan	nnnngcttgg	cgaattcggc	60
acgagggaaa	gaggggaagaa	agagaagctg	gttattttcta	gaggatgtcg	taatctacat	120
cacaggcaga	actgatggct	cagtggctga	gtggccagta	tattgtcttt	ttttttttga	180
gacaaggtct	cgttttgtca	cccgggctgg	agtgcagtgg	cgccatcttg	gcacaacctc	240
cacctcctgt	gttcaggaga	attgcttcaa	tctggaaggc	agaggttgca	gtgagattgc	300
accattgcat	tccagcctgg	gcaacaagag	ggaaactccg	tctcaaaaaa	aaaaataaaa	360
agtgcctttt	aggccggaaa	aaaaaaaaaa	aaaaaaaaaa	aaaactcgag	cctntanaac	420
tatagtgagt	cgtattacgt	agatccagac	atgataagat	ncattgatga	gtttggacaa	480
accacaanta	gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgtga	tgctattgct	540
ttattttgtaa	ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cnttcatttt	600

atgtttcagg	ttcaggggga	ggtgtgggag	ggtttttaat	ttccccggcc	gcgccaatgc	660
cttgggcccc	ggtacccanc	ttttgntncc	cttttagtnga	gggggttaa	tgcccccttt	720
ggcgtnaatc	atggggccata	acctggttnc	cngtgngaa	attgnttatt	ccgnnttcnn	780
aatttcccc	nanct					795

<210> 4754

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4754

gagaggggnnn	tttcnaatgc	cagctacttg	ttctttttgc	nggatccctc	gatntnaatt	60
cggcncgagg	cncncnctgc	gctccgtgnc	tcaacanggc	atgccnntnt	ctncgtacac	120
tatnnagnga	gattntntagg	gactatggtn	nagnanntcn	gtacntgnna	aaggggganc	180
tattgcatct	anaaaacttaa	tnatntaaaa	ttgactnatt	tagactagac	tcaagaatgt	240
atatgctntt	ggtaattagg	aactctngag	aatanaaggct	gctgattgtt	gccatancat	300
gtntacaaaa	atngnatctc	tatgggatgt	actggcaant	gtgtcataaa	atgctnctgg	360
gttnattcat	ncattccata	agaaaacttaa	taccancnaa	tgcatataaa	ccnnngcnag	420
ttncatnaa	ctgtanctat	gnaacntttg	tttaaggatc	nntctgatgg	tcntntanga	480
gcnatcttag	ntctnagtca	ttggncnat	ccntntnctg	tgagtaccag	nacataccga	540
acttgntnnc	cctgcttcca	ctaantccag	ntgtgaccaa	aatctaacgt	gacatcatac	600
ganangttat	agacanaaga	ctantgagat	ctaananntc	ctgcnttnnn	gnnaaccenn	660
ctacaaaana	ntannatngn	gggaanaatn	ntnttnccct	ttggaccatt	tgncntcaa	720
atatnngcnn	ccngaataaa	nntnaaccnn	n			751

<210> 4755

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(963)

<223> n = A,T,C or G

<400> 4755

cnaannagtg	annngntcgc	cttgccnaac	nannnaggcg	ggggcgtctt	ggtntntctag	60
ccttttagaaa	aaaaaaatct	agtcttggtg	aagaaaatgt	tcattttaat	caagctccag	120
tacagcttgt	gtcaagacct	agtaagacca	cctttaatgt	gttcctggat	atgacattaa	180
aaactaactt	gaaaattgtt	aggatatttc	cttggtccct	acttttattg	taaaatctac	240
tacatnctta	agaattaaaa	aacgccattt	cagaagagat	gatagtttta	tcttgccaag	300
gaattatctt	cttagtagcc	tatatgggct	tattccaaaa	aaggcgtaa	cctccatcaa	360
aacatctnct	gcgcctctct	ctcagcatat	gctntgatnt	ttgaagngtg	naatagattg	420
gagctatcag	tcacttatct	cnaaaaaant	gtnttctntn	ttcttcatan	cctgtgaann	480
agggataccc	naggnaaagt	tcctttctgc	tgctctccct	cctttggtaa	tgcttatcct	540
tatggaacca	ctnaacctgc	acaaaaccct	tcnccttaaa	aanccangnn	aanntggcca	600
anttcttnaa	ttangccanc	ttattttatc	ccncnnggnt	cattaaaccn	aatntcttag	660
gcctggctnt	ggggccttcg	ggggggcctt	ttnggccttg	cnnntngcnn	tnntaaaaant	720
ncaggccttn	cnanaaananc	anctctntnc	ntctaccgan	naanaaccct	ctcnanangg	780
nccctcttct	tcanaanaacn	cttcttnnagc	tcggagaggg	ncccgaccaa	tttnaaccgc	840
ttctntntnt	ccccnccggt	gtcacctttg	gcttttcnnc	nncantcnnc	catctttntg	900

cnnantnacn nnnnattnnt gngngcanac acaacaannc cccaactcca cncctcntgtc 960
nan 963

<210> 4756

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4756

gttttaaatnn	ntcagctctt	gttctttttg	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	aaggcctgtt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	aagattgcct	gattcacagt	tcttctgagt	attggcgtag	gtaattat	180
aagatgtttg	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	atgtagtatt	cttggcaggt	ctaggtttca	taatccta	ttctttgcag	300
cccactattc	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atttttggct	360
acaagtaaca	atacctaact	aaaagtgcct	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	cagagccaga	gagttacagg	gttggttcag	cagttcagtt	tcatacaaga	480
cataagactt	gcttacttta	aagctcctct	gcattgtcagc	agagggctgc	cccaatttta	540
gataccaaca	tctggccaaa	gaagagcagg	gaatgcttct	ttaagtactt	attangggagc	600
aaaacttcct	taaaagtctc	ataggaggtt	tttccttagn	ctcattggat	ctcaatggct	660
cttgcatact	agaaaaaggc	cacattcctt	actctggcat	ttaagtt		707

<210> 4757

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4757

gttttaaatnn	ntcagctctt	gttctttttg	caggatccca	tcgattcgca	agattgggct	60
atggaattgg	aaggcctgtt	ttggagtact	ctaaattaaa	aaaaagttat	atttgtaaaa	120
taaccaccac	aagattgcct	gattcacagt	tcttctgagt	attggcgtag	gtaattat	180
aagatgtttg	ataaattgta	aaatgctttt	tacatttttt	aaggaatcaa	ttgaactact	240
ggaaaccagt	atgtagtatt	cttggcaggt	ctaggtttca	taatccta	ttctttgcag	300
cccactattc	agaaatgtag	tgattaacag	agtcaagaat	gtttcaggat	atttttggct	360
acaagtaaca	atacctaact	aaaagtgcct	taaataataa	gcagtttggt	atttcacaga	420
atgagaagct	cagagccaga	gagttacagg	gttggttcag	cagttcagtt	tcatacaaga	480
cataagactt	gcttacttta	aagctcctct	gcattgtcagc	agagggctgc	cccaatttta	540
gataccaaca	tctggccaaa	gaagagcagg	gaatgcttct	ttaagtactt	attangggagc	600
aaaacttcct	taaaagtctc	ataggaggtt	tttccttagn	ctcattggat	ctcaatggct	660
cttgcatact	agaaaaaggc	cacattcctt	actctggcat	ttaagtt		707

<210> 4758

<211> 707

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4758
 atgcggnccn aatnntnggc tactcgntct ttccgcaaga ncccngcgan tcgaattcgg 60
 cacgagatttt gggagtnnta atatngacat tnctgngatg ctnatatatg taatgtctta 120
 attgagatttn ctgtnanggc anaaataatt aggctagggc tcttagtttt cattcctatt 180
 gcccaagtnt tgtcaaacta tgggtataatt ttaatgttac tttaaaaatc catantctgc 240
 tagtttttgca tgnctttata tgaaaacagt gcagtaagtt gaaaactcag tgtctatgga 300
 attgataaat gtcgatctgg tgtagtatat tttatcgcat ttnccttatat taaaaaatgt 360
 ctgcatgatt ncatttttatt tcctttgtaa tttacatttc agaatagtgt attgctatat 420
 ggggtgccaa attgaatatg aagaaccena gtgtttgtag tattatagtt ttaagcaaatt 480
 ctgtgtggng atacagccat nagantgggg cttatataaa ctctgaacat gtaagatttt 540
 gtacagagaa tcnttaactn tataaattgt atatgancat gtaaattcttt taaaatgtac 600
 atnanatact gtatttcatt accttgtgtg tnatagtcta gtcattgcct gtnaatataa 660
 tttattacgt nntctgnage ataaacccat acatngatga cttannt 707

<210> 4759
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4759
 annncnntnn annantncnt nntnnnnatc nnnntctnnn tncntntnna tttaannttt 60
 tatannnnnn tntnannnnn antnntaatn atgttnntct aatgnnggct nctactcttg 120
 ntgnttgctgc agtaccnng gattcnaata cggcacgagg caagtccag tgaaccacaa 180
 gtatggcaaa ncttatccaa ttttatgctn ggggcagtca gnacatacca gtttctgatg 240
 tttcaggcat gagtggggta aataagtgtg accacttaa gctgntcggt agcatggaag 300
 acttctccat tctatctttg naaaacagac aanatatgca cttgacatat tagcaaatng 360
 gtntggaatt atncaactgt ttgctattta ntaactagc aaatgatgca tgtattntgt 420
 ttttcatgtn ctgggcaata tgagtaaaat ctgtcccttt tccccctnt gaatgaggtc 480
 tnnatgntt gangnaaagt nttgcactat ngcatatant nnggggacac agattttcat 540
 aatntccatt ttttgggggc ttaaggattt nttttttcn ntgtgaaaca gtnataannc 600
 ttanncnata tnatanttn aaatatntac caggaaaant cttttttgga nttttcaaag 660
 ccttnnatta antctanttt ttaaagaaan cncntatggt atattntna aaaggtnntt 720
 ttcccccaa nccttanttt tacctgnnaa nncttgnttn ccnttttaant antatnttta 780
 ccaaatntcc cnatttcng ganaatntnn cccttccnt nccttgaaaa acattgtttt 840
 nc 842

<210> 4760
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(843)
 <223> n = A,T,C or G

<400> 4760

tgancatcatn	tctcaagnag	nctanatngc	cctaacnaga	atngngctng	gggnaattcg	60
gcacgagcta	gcagtaggna	acaaagtata	anaatgacag	cagatgtgtg	gncanaaatt	120
attcanggc	naagacantn	gaactgaaaa	nnaaagtagg	tcaatctaga	attctatacc	180
caacacaaat	atccttcaaa	aatgaagggtg	aaataaacac	tttttgatgg	acaaactgaa	240
ggtgagagaa	ttcgtnacca	gcagacctgt	agtacaaaaa	atgttgaggc	aagtttttta	300
ggcnnaanaa	aaatgatact	anatagaaat	ttgggctnca	caaaggantg	aagaggcttn	360
caaatggtnn	nattatntgg	aancatatga	aagtnatctt	ttctcattnt	caatcccttt	420
tgagaaactg	cttaaagcaa	naatatnnac	naggtactat	gnagncttaa	naacatacat	480
anaancaaaa	tgtatgacaa	aaactactaa	agttnnccan	gantnntggg	gtgtgcctgn	540
ngcncngcn	tgtcttgtnn	ggctnanatg	gggacgatnc	attctnacc	gagcccnat	600
angtcctaac	ctnntntgan	ctgttgantg	gtntcactca	cncctcctg	ggctacacan	660
ntngaccctn	tcctgnaanc	caaanccctt	ctcaaccttc	cnccttctt	cnnanctntt	720
anctgnannn	tccttatnc	ncctctnant	ccccccacct	tcctccgnat	cncctctcct	780
gcancctttt	gctccncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann	840
nct						843

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

gntntnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcaccag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatagaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccat	540
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4762

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4762

gntntnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240

ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcaccacag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aatttttaaa	tttttaattt	420
tttttgtgga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa	480
gcagtccctc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagccatt	540
gnttttatta	ttttttaaag	gtttatTTTT	aggtgaagt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4763

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4763

gttannccctt	tcnaatgctn	ggctacttgt	tcttttttgc	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatatctt	gagnnnnncan	gngcgccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatgagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggntnnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cncagaggtt	ggaaataatg	ccaanangcn	600
tnggtnatta	gnttcncaca	tgtanngtta	ggttttttgg	actnntgcna	ngcttactan	660
ttgggggggaa	gaagaattca	gaagccntgg	aaaggtnggt	cngaanttaa	ngaaatngta	720
aaanaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4764

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4764

gttannccctt	tcnaatgctn	ggctacttgt	tcttttttgc	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gngnngngnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatatctt	gagnnnnncan	gngcgccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatgagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggntnnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cncagaggtt	ggaaataatg	ccaanangcn	600
tnggtnatta	gnttcncaca	tgtanngtta	ggttttttgg	actnntgcna	ngcttactan	660

ttgggggggaa	gaagaattca	gaagccntgg	aaaggtnnggt	cngaanttaa	ngaaatngta	720
aaanaaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4765

<211> 1475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1475)

<223> n = A,T,C or G

<400> 4765

actaactatc	ncacacnncn	acgccnaaaa	tngccnaacn	cnnnnnaaag	ctnngggncn	60
anacctncac	cacncancac	ccaaaanaac	aancnaaaca	acaacagncc	cctcncacct	120
nnannccnnc	ccncataant	acancctccc	natagctntc	acccacacan	cacacnccnt	180
caacccccan	cancctcccn	acnccccacc	caacccaaan	acntnacnta	annccacccc	240
cacnaaanac	ccnnncaaca	cnnacacnaca	cncncanncc	tcacnccaac	ccnccccacc	300
nccncaaccn	ancnccttan	canacccacc	cncaccccccc	ccccaaacnc	aancncnncan	360
cnncnacnan	anctcaaccc	nnaccacccc	ccncaccaa	caccctccan	accccanacc	420
cctnanaccc	ccncaaccnn	ccacacncat	cacnnncaca	acatntacnn	cntcacnncan	480
caanacnaac	acccaccnca	cacnnacacn	cacatcannn	natggnctca	cacccactca	540
ntntaccaan	ctaacaacca	cacccatacg	ntatencaca	canncccaca	acnncacatc	600
acacccancc	ntcnmnaacc	cacnacacnn	acacatccca	tacanccanc	ncacancaca	660
ccaannnncca	ncaaaaaacn	acacaacaca	nannccacaa	cactctctnt	ancnnacact	720
ctaataatcnc	ntaaacatna	cncnnaacc	cacactaccn	caaccatnat	nccatacacn	780
cacacanaca	catcacaacn	cncnccctnt	cantctncac	ctacacacna	tnncacanaa	840
cnnaccacc	ctnntaach	acacannntn	cacnacncac	accaccacat	acacccaaca	900
netccctcnc	tcnccncaca	ccacaccacc	aaaatcacc	nnnacaactn	tnccnctnaa	960
tnctnatatc	netccaccac	naatnntanc	cnacacncnc	annctctcac	aacactctcn	1020
cacanatan	ctntccntct	ngantcacac	ancannacaa	ctnncccaca	tctcacannn	1080
cnntannntna	cctntcnanc	caccacacat	cacacacctc	acannnccta	cntcacnacc	1140
anccacacca	cnaaacccca	atnccctctc	canacacac	acnanacnnn	cctcannnca	1200
tcnacncaca	tnccatcacca	ccnaccacnn	aacacctnct	cactacaaca	cncancnatc	1260
acccnacncc	atcacacacc	acncacanca	caccctcacc	acccaanntc	acacactnct	1320
ctccccnctc	tctccaccnn	ncnncaaten	nncaacacnn	nccccccac	accctctacn	1380
ncnctacnn	tatctatcac	caccanacnc	acacatatte	atnnncacac	ntcacctntt	1440
annaacttca	cacaactatc	natnccnnnn	tnctct			1475

<210> 4766

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (798)

<223> n = A,T,C or G

<400> 4766

ggtnnatanc	agctcttgtc	ntnggccnga	tnccngtgaa	natantctct	ctagctcact	60
tgtntaaant	gganagtctn	tnatnatcgg	tatgaaccnn	tnaaggagcc	atgtntaccg	120
gnctagctat	actngnccnn	gggaagnccc	tgctgtgtgt	nantnccntn	ctgggatnct	180
tnaanagnaa	acnnnacgct	ctcncanatt	cntnagatgc	ncagntagct	tatnagncat	240
gggattgcca	nntgnnccat	ctnctgtctn	anggnctncc	anngcacnng	tttnncngac	300

naacnggncc	nctgtgtaaa	tagnaggcng	agaaatgata	cnntgctgtg	gaannaccaa	360
ccnactatgg	accngaaact	tgctggcnaa	atnaattatc	tncnacaaac	ngnaangtgg	420
ctcngagatt	gatngttggc	tataatatng	aagccctgc	cctgtgacnn	tgatnctagt	480
gattattgca	tgntcctca	tctgtatant	gaaanncatc	tnattaggna	nagngtttng	540
anacntttng	aaaggnctna	ctggnaattt	acnttanaat	tnnttnccat	tgctcgacca	600
caaanttnca	agnttttccn	gncacatttn	nmacttaan	ggcccnggna	cctggaagng	660
ctttgaaaag	gcgcctttta	aaannnggat	ttagccngnt	tnatttancc	cnttttanaa	720
acnggnntc	aggnccncca	attncnngaa	anntaacctt	tagncctttt	tnaaaacttt	780
ttggggnggt	cngnmatc					798

<210> 4767

<211> 1861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1861)

<223> n = A,T,C or G

<400> 4767

nacngngtnn	gtgaggccta	aatagctnnn	ctntngtgta	ttnnngngna	ggtgcntnna	60
tncngccnna	gnntannnnn	nggntnggag	nttngggngn	nnnctancnc	tatanccnnn	120
nacnnagggg	ggggnctttn	tnnttccttt	tntctctcnn	ngtgntnttc	tnngnccntt	180
tncncnntnn	cantctnnnc	ctcacgtntt	tnngttcnc	ccnnantncn	nnnccgncca	240
tcctttnttt	ccncccttn	cttctnttnc	aancactntn	natatgccnt	atatactcnn	300
ncncgcnac	nctatnncta	tencctnnnn	tctnctctac	nnnctcagta	nttnnctctn	360
nnngnctnnc	tanctnctgn	gtctcncatc	atatactcgc	acgtnnncat	tannccctcca	420
gtctnnctnt	ctnactctna	nnnangtctn	tccgtctntt	cnaannctc	tnntnctctat	480
ctnnattang	tnacgntctt	gnncncttct	acangagnnt	atgncnctt	tgtnctctct	540
nntactcngc	nncacgactt	cnnatntctc	nattnacang	ntcactgcta	actcanctnn	600
atntctctct	ncnnnagcga	acgatntctg	cannanacag	cctntctgcn	nananacntc	660
gcncntcgt	tagngcgatc	tnncagttna	ttcttnatcc	tcgtnttgta	ntatntntan	720
gaatacatna	tctntcangc	nncacttanc	anntnnctatg	acnactntgc	tctctgntan	780
cacanangct	ttcnnngnctn	tcttacgann	ntgcnngegc	anactntgac	tnctctnatgt	840
cgtctctcat	nnatattttn	tnnacatanc	tnnctntctc	ctncantntt	gnctancctg	900
ntgattctct	atatngctca	ctntnctat	acannntngn	anacnattgt	nactcaangt	960
cntcgnnnan	nttctacgct	cncnttgacn	ttccaatang	ganatntctn	tnctacnnt	1020
gtntatncca	ngtctctgan	ccgannatan	atcnnnatat	cgacgacnng	cnaannatan	1080
tctctcagcg	natactcctc	ngnnctctaa	ncncanactg	ctattcnant	agnncnctn	1140
tctctatncc	cncctctctn	tacannattn	ggntnnnttc	gctancnntn	tcgntctnn	1200
ttnnntatan	nntnnagctc	acnnncnctg	cgccatntnt	acntcatncn	nngtctccat	1260
anacatntac	tnctctatnaa	ngtaccctnt	ntctctcgan	ancncnnatn	nattgntcat	1320
nanatcanaa	atntnnacnt	ctctgatgac	gcntctcant	atactgncac	tcttcnnatt	1380
attatnnagt	tcattgattct	ntctctcana	naanntcngn	cnnnnctctc	tnaccatntc	1440
nancgntagt	gncatgcanc	tanntcncca	cntntatntg	cgcacccatn	tactctatng	1500
atctccttga	nctatntnan	gnatnatctn	tnncnccnat	ntcncgtnt	antcnancnc	1560
anacatnccg	tctcatctan	agtctcttan	ganccngnna	cananctctc	acanaagatn	1620
nntagctat	taatatgana	nttctctcna	nttctctnnn	nnctctatnt	atannncag	1680
nanngactcn	cgacatntna	tcatntctnt	cncnaacnt	nttctannng	tnnaatctnt	1740
gnannctcgt	antcnnnnca	nttctntntc	atgcacattg	cgcannntct	ntncatcaaa	1800
acatactnta	tnctnagacg	actnnagctn	cnatactctc	tcnnctnnan	ctngccnctn	1860
t						1861

<210> 4768

<211> 1522

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1522)
<223> n = A,T,C or G

<400> 4768

ctnttaactn	ctaatacttc	ttcntggcna	cggencttan	tatgngccnc	tnaaaatcng	60
aataggggtc	tnggggggnc	tactcnaccn	nnncncnnc	gncctnatna	nnncctnaag	120
nntgnccttc	engcncttaa	ntccnccctc	caccnnentn	nccgncgngg	ttttcncccc	180
tctnccctcc	ttncctatn	ctcttncccn	tcctctctct	ntccccccnt	tntcnatntn	240
cntccctcnt	ncctatctc	ccccctcccn	ccccccanc	catecttttc	tnnctccccc	300
cnctctcnn	tnccctcacc	ttttntccnn	tcnnnttct	ccctcacnnc	cncnancct	360
acatcnctc	tcttncncnt	tnttctcncc	ttnnacactc	tctatcattt	atcctcccan	420
ntantnttna	tcccnnccta	cctnnmtcta	cctttccnca	nanntcttca	tctttccctc	480
tactccata	ncnacctna	tccnacttc	tntaatctct	tcnntcactn	ctcnctcact	540
ctcttntctc	tcnnccannn	nttcacactn	tnntnnnctn	tcctntcnan	ntcnctcatn	600
ctcancnctc	ctctntntn	tnttctctnt	ntccccntac	nnccctcccta	tcnctctnctn	660
cncatcnnac	tcctctctnt	netcaccctc	ctnetctenc	cntttatanc	acncttacnn	720
ctcnctnnn	cncnntctca	ctcactngct	ccatenctcn	ttntatanat	ccccnctctn	780
tctgatctct	cncctnactt	ccncanactc	tactnacttn	tctncaactnt	ctancctctt	840
ctctcanct	ctcgananc	ntntcncann	tcantctcna	ncttntatac	cancgncntc	900
tacctntntc	cctcacnacc	ttcctctccc	ttcgnatcan	ctcncncnt	nctnctcaca	960
ctnnctcact	nactcatnctn	tntnnatctc	nncttantcn	cncncnctnt	cactctctca	1020
natactntct	nntctatctt	ctntcantct	tntcttncnc	actatncact	cccctctnna	1080
tctaccctct	caccatnctn	tnnaatccnc	tcagntacnn	tctacatcat	tnccntccat	1140
ctctgctna	cantntcncc	acatctctct	ctnnnnnccn	ttnactcct	ctcncncct	1200
cctantctat	caantccatn	tcnctctctc	tcnnaactta	cncntnccct	cnactnntca	1260
ccccncttta	tecatctcnc	cnntctatct	accncaactaa	ctctctccct	accnncnttt	1320
cntcctntn	tctncttcac	atcantctac	tactctncc	tntnctctat	nntcttntct	1380
ttctnaccat	tatcncntc	ctctnnccct	ncncnntcta	tntctnttac	atcctccct	1440
cacttactct	cacnncctt	ncctcctacc	tctctcacc	tctactctc	nttntctcnn	1500
catactannc	tctcncatc	ct				1522

<210> 4769
<211> 1411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1411)
<223> n = A,T,C or G

<400> 4769

ccncancccc	ccnnnnnaac	ccnnnnccnn	nnnnccnnc	cnncnannnn	nnnnncannn	60
ancannannnn	nnnnncnnnn	nnnnnnancn	ncnnncnnnn	nnncncnnc	nnnnncntn	120
nnnnncnnnn	nnnnnnccnn	nnccannccc	cnnnnnncc	cnnnnnnccc	nnnnnnntn	180
ccancntann	nntncnnanc	nnncnnnnnn	nnnnnnaaaa	agaagaagg	nnnnncnnnn	240
nnnnnnnnnaa	anagaaacnn	acnnggggnc	gcgnnggggn	cncgnttttt	tccttaaaaa	300
annaggaccc	ttggggcgna	cannngcctc	acncatcgct	nnnganaca	cgagacnttg	360
cggnngnnnga	tttttnnaaa	naccgantnc	cncatacnna	cnacgcncnn	ncgnnnnaaaa	420
nnccnnannnn	angnangtan	nnnncgaacc	ccnnnnnaaa	ncancncntn	agnaagnncc	480
anncagcact	cgctgcggtg	cctncnnnag	ccgncgnncc	aatcaccnac	ngntnnnacc	540

ancnctcnan	gaccagctaa	acctccanan	agccactctg	ancctcctac	ctntnnagac	600
cacngaacnn	attcnancag	gacncannnn	cctcaacacn	acnateccct	cactgnnccc	660
cctcccagac	aaanncannt	cntnnaagcg	ccatcncccn	nnanancnnn	natecnannc	720
annttcntan	ccccatantc	ccccacacac	cccccnngnc	gnncantnac	nnnaacannc	780
nccgtagccc	cnntcctnaa	ccancctanc	atannacctc	tnennnccct	ctctgcnccn	840
cacaacnmat	nancncaaa	caanncnnc	ncancacnta	anncnncnnc	ccacaacncc	900
cncgncgaac	atncccnnc	cnnagnaccc	acacataana	naccnncacc	cnactnatat	960
atccacaanc	naancnntn	nnnnccaana	ancccnnat	caacancacn	acnaacannt	1020
cncncntac	mntatcnann	atcannnnca	cccnccctt	annannnnnn	mntnacancg	1080
tanaaaacgn	ganaacnnca	nnncnntcta	acctnnaanc	cacnnncnnc	acnennanta	1140
nccctccngn	anncnnnnc	ccnnaccnnc	cttnanncn	ncccccttna	anacnantca	1200
ncncnacanc	cnnncnnanc	gaencantaa	nncccaatca	nctaaaaacnn	ctctcnncna	1260
ncnaacacat	cnannacgan	cntccnacn	atncacganc	ncnannaant	cnacncanan	1320
angcntcnac	ntatctnnaa	acnnaannat	nctcactanc	acacaaatct	nnacnanta	1380
anancnnc	cgnaatcanc	aanataccnc	c			1411

<210> 4770

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1349)

<223> n = A, T, C or G

<400> 4770

nccntaaaa	tnnnaaaact	nnctttgggc	naaaacnnc	ccctcaaaca	tattcagacc	60
cccttaaaac	atcagggann	ntatggggnt	cttntngggg	gcnntnnnc	antntcatat	120
cnatacana	nncccntnt	ctacacatcn	ctntctactt	annantctn	nnctcatcnc	180
tgnnnnctat	anntatctnc	tccactccc	ctaettcacc	tctcnncn	nctctctta	240
ccancntat	acncancac	ccaacacn	accnccnacc	tancacctat	canntcctca	300
nattctccct	ntctccctt	ccctcctctc	attcctcccn	canctcnana	ccnncnnnc	360
ctcattctac	tacacnccc	nctccctct	ccnnacnnc	tctccatcct	ncncccncc	420
nccttcccm	ttntcnccct	cctannncaa	cactccacna	caccnctcn	tctcctcact	480
cctactcnct	ancncannc	tcantccan	actntcctna	cataactacc	ccactentac	540
nctctncatc	cacctcann	tcacncatcc	actctcntnt	cnetctcttn	nnacctcnca	600
tcnntctnac	acctctnccc	cttctcnttc	taccattcac	tctactctn	nctnnctcac	660
tctctcattt	cntnacnct	ncatcactcn	ttccnntacc	ctatcnctct	ntatctntca	720
ccatctcnc	actcnccgac	actctancta	cnetctacct	atactntct	ctcatcacta	780
natntntacn	tctctcnacn	cttannnctc	nactacncc	tctcttctcc	actncancnt	840
anacacactc	cctactncac	ctcacatatn	tnctctcn	ntcatnatac	ctctnnatnt	900
antcctctc	tnnnacann	tntnccctac	acacactntc	tcacactnac	nctctctctc	960
tctntctcc	tctnctnct	atanacctnn	cactctcant	cancctact	accnctcttc	1020
tctctnctc	cnetntcttc	nanatnnnc	nctctacacn	ccacttacn	naccacacat	1080
cactcctnca	ccctncaten	ntcncttcac	tanntaccac	nncactcnca	natctccntn	1140
tctntnctc	mntnacnct	caccatcntn	tctnctcnc	tcacntctn	ccactctcac	1200
ctcttctana	accatactcn	ntntccactc	cnccttcan	ctctccacc	nacatacccc	1260
nnacnncac	tnacnctcc	annccacatt	cnacacntcc	ntcnccct	tcctttcn	1320
tctncccc	tntntncc	cccttccn				1349

<210> 4771

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 4771

```

gnnttttagan nnnncngcnc ttgtttctttt tgcaggatcc ctcgattcga attcgggcacg      60
agggttatggt gggaggagcc gatactgagc ttcttctctat ttgccatggg cttcactgta      120
taaataggag aggatgagag cccagaggta acagaacagc ttcagggttat cgaaataaca      180
atgttaagga aactcttata tcagtcatgc ataaatatgc agtgatatgg cagaagacac      240
cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta      300
ctgtggaggga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt      360
tgtttctttc tagtggtctt tgtaagagtg tagaagcatt ctttctttga taatgttaaa      420
tttgtaagtt tcagggtgaca tgtgaaacct tttttaagat ttttctcaaa gttttgaaaa      480
gctattagcc aggatcatgg tgtaataaga cataacgttt ttccttttaa aaaattttaag      540
tgcggtgtgta gagttaanaa gctgttgtca tttatgattt aataaaataa ttctaaaaaa      600
aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtcggnn ttacntnnat      660
cccggaacctg gntaaggata ccattggntg aantttgggc caaaccccca annttgnaat      720
gcctnggnaa aaaaaatgcc ttnattttgg ggaaaatttt ggggaaggcn nttnggnttt      780
aatttnggna n                                     791

```

<210> 4772

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4772

```

cggtttnaga atcnancnct acttggtctt tttgcaggat ccctcgatgn ngaattcggc      60
acgaggntac ntgcaatnac catnntggna tcagtncaact anngcctctc ntagaaaaaa      120
ggggaccnag agacnggtnt tcacatntc gcccatgeng gtctcacact cctgagctca      180
ngccatccna ctncctnnan ctaccaaagt gnttccgtna nagncnaact catttttnatt      240
caatggccat ngnntctnac acncnattga natntnagcn naccntannn cagttntcan      300
ataccacntg gcgnatnnan aacccngga tgcnnagacc tngtgaacca natgctnana      360
tgccattcaa tcaggaagat gccaaaaatg nntctnnttat tntaanataa gtacttaagt      420
nancantatt cagaantgac nntctcatan ggaagcntnn ttatctnctt nmatnannga      480
nattgttana atcnttnccn ntaatccacc ttnatnnnta cccntttggtt tattaaggca      540
aaagattncn nttatccnnc tannaatgct tcatgaaatc naanntaata tttnttnaag      600
ctantntcca ccattanttn nnnntgtaca tttntaatn tgnaannccn atcttgatn      660
aaagaacct aatnnccaan nnttctctnaa tnatgnttnn attccacctt tanncnatat      720
annccnaact tntcttntct tttnttcnc                                     750

```

<210> 4773

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(979)

<223> n = A,T,C or G

<400> 4773

gtaccnattn	atgtgctant	ctgctcnttc	tttntgcaat	atcccatcga	ttcgaatnng	60
gnacgagccn	ncctggtcnc	tgncaggatt	gacnnattgn	tagctntttc	tagannnnngn	120
gnatgggtgt	gcatggccga	gtcttagtat	ggtggagcgg	atcatgaaag	cccagncact	180
tgngggacaa	ctncaccatg	ggctatatga	nggccaaaaa	ncacctggag	atcaaccctg	240
nccaccccat	tgtggagacg	ctgcgncaga	aggctgaggg	cgncaagaat	gataaggag	300
nnaaggteet	gntnntgctg	ctgctngaen	ccgnnctggt	atcntctggc	tnnnccnntn	360
aggntcccca	taccactcn	aaccgcatct	atngcatgat	caagctannt	ctnngtattg	420
ntgantatna	nnctgncacc	ananganccc	acnncttgca	actnctgatn	agatcccntt	480
tntcnnggc	nacgangatn	catttnntcc	tngaanaagt	ccatntagtc	actttncenn	540
tccnntntcn	aacctnttc	ttccctanan	cttacntttt	ccnatcntn	cctcnnctac	600
tcgncnatte	ncncatctn	cncctntcc	tcctctcenn	tgnnnctatc	tnncccnccc	660
ccnctcnnt	tntctnattn	taettctccc	tctctctcnc	ntnnncattt	tctancctct	720
cntncnntnc	tnttactnnn	ctcncntact	acntcactcn	netccttact	cttnncnant	780
nnnnctctnc	ctntnncctc	netcncenn	tcactnancn	ctcntnntnn	ntcnntcnac	840
cncntnctc	nanctcannn	nctnnntnca	tcacatann	ctntctcncc	ttanntnnct	900
ntectentct	cncnctnttn	cncnnctcan	tctttctcnc	tctctntcnn	tctcnttntct	960
ntcacentcc	tntctctct					979

<210> 4774

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4774

nntaaatcan	ctcttgncct	tttgcaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcctt	ntgnctgtca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctcctct	ctggtnngctg	gtggcattna	180
nggttcanac	cancntaan	tgctgggtgct	gttnnaanang	tctcacgtgg	ctgcntgtcn	240
tggctcatgc	ctgtntntccc	aacattctnn	naggcccacn	cngtagaacn	gctngagncc	300
angagtncag	aatcagcctg	cgcaacatnn	caatactecn	tntcataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggctcctga	agctagaacc	angtttggat	acaagattga	420
agatccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nnntntngcnt	natacnggaa	ngncngctta	attngcnnnn	540
nttcagtcca	aatnnnatac	tntngggacn	ntaacntgcn	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	attcccatgg	cacctntatn	660
naaatccaga	gttctctgca	gnctttnnngc	tntttatatg	tgtnccaa	nttaaaccnt	720
nataattatt	gggcntctga	n				741

<210> 4775

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4775

aatcngctgc	ttgctactcg	tgcnatcccc	tcgattcgaa	ttcggcacga	gactttatga	60
------------	------------	------------	------------	------------	------------	----

```

gaagaatctt actgaaaatc aagaagctct tgcaaaagaa atgcgagcag atgcagatgc 120
ctatagacga aaagtggatc ttgaagaaca catgtttcat aagctgatag aagcaggtga 180
aaccagagc cagaaaactc agaagtggaa ggaagctgaa ggaaaagagt tccgtttgag 240
atcagcaaag aaagcttctg ctctttcaga tgcgtctaga aagtggtttt taaagcaaga 300
gataaatgcy gctgtagaac atgctgaaaa tccatgtcat aaagaagaac ccagggtcca 360
aaatgaacag gactcaagct gtttgcctag aacctcacia ttaaatgact ctctgaaat 420
ggatccctca acacagattt ctttaaatag aagagcagta gaatgggaca ccacgggaca 480
gaatcttatt aagaaagtga gaaatcttcg ccagagactc actgccggg ctcgtcacag 540
atgtcaaacc cctcatcttt tggctgcata gaatgcatgt caccttgaga cggctganag 600
agagacctat tttgcaatca gtgacattga tttttagatt atttatttaa aattcctatn 660
aagatcagcc ctttgtacag aaaaatgtgt ctataaaaat tatgtgttat t 711

```

<210> 4776

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4776

```

tccccatttt gaatnnancn agctacttgt tctttttgca ggatcccatc tattngggng 60
nannctttnt tgnnaatncn ggtacgnnnc tatgnatcan gactgnactt nggtanctnn 120
cttggcccnt acagnngnaa ngaangatgg gctgggtgat tggcccacct gggagcaaca 180
tgggggcangg ggagccctca ccctnagcca nccagacgag tgggatttnc ccagnacan 240
nataccccct tcacaaangg accactnaag tgcttcatta agcaagtcct ggatcctgtg 300
cccnccaact ggggtgagaca ccccaatggg tcaccntaca ccttatacaa nagcatttta 360
ctggcatnan gtgggtgccc ctcaangaca nagatcccan agganngagt ggggtctnat 420
ctttgctgtt ntccatcac tctttggtga catnttcagg tntgggaggg acccagatta 480
gtattggctt tgaangaaat tcccannnat antgcannta tncctnncat aagatgggtgc 540
ctanacttgn ttataagn gn ataacantna ngtctacacc naacnttcan cccntaaaaa 600
attnccttan cnaaaanncc tcaatntttt aaaggggtcna ctgcttncnc tttacaagga 660
atctnantgn tggnnntaacn anacnttctt tgtaaanatt ganntaaacn gggntnttng 720
tatntatann tcctnctnta acnantcctn tgatnaaaang ggnttctatn taatcggtgn 780
ttctgcatcn taaccttctc naanaaanng tattctctnc taatntcanc cncntttnta 840
ancnnngtca anacgcgg 858

```

<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 4777

```

ccnccnccnn nnnnnnnnnn cnnnnnnnna nnnnnnnnnn nnnnnnnnnn nncnnnnnnn 60
nnnnnnnnnn annnnnnnnn nnnnnnnnann nnnnnnnann nnnacnnnnn cannnnnnnn 120
annnnnnnncn nagnnnnnncn cncgnnnnnn nnannanngn gnacnccnnn tanancnnnn 180
nnnccnnnnn nnnngnnnctg ncnnencttt tcnaaaagct ggtcctcngc nactnnncag 240
gcagcccnnc gattcagaat tcggcacgta ggccaagtat gcagtgtnaa cggctgnnag 300
nntcgagaac cngagtgtgn gctctcctng nngaccnaga ncgangcgag agtccaagn 360

```

anganatgan	tgngacctgc	atggganaag	gncaggngga	tatcatggag	agcgtgaana	420
nccggtctga	aanganacag	gggtgccacc	cangtgccag	agatgcgaag	naaccaatan	480
agcaggggan	gggncaagn	nnnancgaac	ngaagagcan	nnaacggnnn	anangnnaag	540
gagcacaatg	angccctnat	cgcccngagc	nctcacgcn	atnagggctc	atncaaacng	600
agcaccgcgt	ttcnnttgcc	cacaaaatng	aattgantca	agnacgcn	gacangtgc	660
nanagccng	ccattggaac	tcgtctcccc	cctangaatg	ctgcccttgc	nannacccat	720
tgctatgctg	ctnaccannt	ccncttgta	ttcctggggc	ccctcttatg	nactgnaacg	780
antcanccgt	gactaggggt	aaaaacgnan	gnggaaatgn	tatangaant	tngcaccang	840
naatcatngc	ttatccatnc	ccnaatgcat	ngntnaaant	tcnacaacta	gtncgtcata	900
gnacnctnt	ggaatannta	ggngaaactg	tggcttatna	atngtccnan	ntggganaag	960
ggganccana	tnaacttggc	tnaagcncga	atgtnnccn			999

<210> 4778

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 4778

ggtgnagtnn	atgtctaatn	ctntgnnngc	gnttgctntc	gatgcaggat	cccatccggn	60
gaagaagctg	cagaagaaat	gaagaaagt	atgatgattt	anattttgat	attgatttag	120
aagacacagg	aggagacat	caaatagaatt	aatatcactg	tattaaaagt	ctgccgggca	180
cagtggctca	cgctgtaat	cccaacactt	tgngaggcca	aggaggggtg	atncctgng	240
gtcangantt	cttnaccngc	ctggccaaca	tggcggaacc	ccatcttcac	taatagtaca	300
aaaaattagc	tgggccgtgg	tggtcatgc	ctgtaatccc	agctactcaa	gaggcttgan	360
gcaggaggat	tgcttnaacc	ctgnaggcgg	agattgaagt	gagctgagtt	cgtgccatta	420
cactccacct	gggtgacana	gtgagactct	gtctcaaaaa	aaatanaata	aaaagtcnat	480
ttacaatgtg	aaattctgac	accttttggc	tttgagtatt	ttcccaaaga	tattttgaat	540
ccttantgaa	ggaaattnan	aaaaaancta	tgggaaaaat	tggaacnaat	ttcatnctt	600
gaacaatntt	aaaattgggg	tattatttac	ctttaacant	ccaacntaaa	ccangaattt	660
cagnaattgg	ntgggnttgg	attaannaaa	cntaacctca	tgtnnaaaaa	ttaaaaaattc	720
ncattanttn	ccttggcctc	naanaaaant	nntnacncan	ataaactccn	ngcccagncc	780
tttccnnngc	cttttn					796

<210> 4779

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (712)

<223> n = A,T,C or G

<400> 4779

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agcttttggt	cccttttagt	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttntctgtg	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaatagagt	agctaactca	240
cattaattgc	gttgngctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcggtttgcg	tattgggcgc	tnttccgctt	360
tctcgctcac	tgaactcant	cnctcggtcg	ttcggtctgng	gcgagcggt	tcaactnact	420

caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaaggcc	ngcaaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnacagga	ctattnanat	ccagcgtttc	ccctggaact	tcctaggcgc	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 4780

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtagcc	agcttttgtt	cccttttagtg	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttntctgtgt	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaattgagt	agctaactca	240
cattaattgc	gttgnctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcggtttgcg	tattgggcgc	tnttccgctt	360
tctcgctcac	tgactcantg	cncctcggtcg	ttcggctgng	gcgagcggtg	tcaactnact	420
caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaaggcc	ngcaaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnacagga	ctattnanat	ccagcgtttc	ccctggaact	tcctaggcgc	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

atccagctct	tgtcttttgc	ggatccctcg	attcgtgtgc	ctaagggaag	ggaatcagaa	60
ggtggagaga	cttgaagttg	caactcaagga	ggccaaagaa	agagtttcag	attttgaaaa	120
gaaaacaagt	aatcgttctg	agattgaaac	ccagacagag	gggagcacag	agaaagagaa	180
tgatgaagag	aaaggcccgg	agactgttgg	aagcgaagtg	gaagcactga	acctccaggt	240
gacatctctg	tttaaggagc	ttcaagaggc	tcatacaaaa	ctcagcgaag	ctgagctaata	300
gaagaagaga	cttcaagaaa	agtgtcaggc	ccttgaaagg	aaaaattctg	caattccatc	360
agagttgaat	gaaaagcaag	agcttggtta	tactaacaac	aagttagagc	tacaagtggg	420
aagcatgcta	tcagaaatca	aaatggaaca	ggctaaaaca	gaggatgaaa	agtccaaatt	480
aactgtgcta	cagatgacac	acaacaagct	tcttcaagaa	cataataatg	cattgaaaac	540
aattgaggaa	ctaacaagaa	aagagtcaga	aaaagtggac	agggcagtg	tgaagggaact	600
gagtgaaaaa	ctggaactgg	cagagaaggc	tctggcttcc	aaacagctgc	aaatggatga	660
aatgaagcaa	accattgcca	agcaggaaga	ggcctggaaa	ccatgaccat		710

<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 4782

tntaggtctc	ttgttctttt	gcaggatccc	tcgattcgtt	tggtcagttg	caccttctgg	60
gtcactggta	gccgcgggag	ccgggtgggg	cctaggcgat	gatccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaaccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtccatgg	gctgccagat	caacgcacag	gggaactcga	agtcttccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gataccccgag	aatacagtaa	tggacaggcg	ggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4783

tttgaatctg	tctctctttt	aaaccntngg	ctncttgatg	tttntgcgga	tccctcgatt	60
gcgaatnntg	cacgagatgg	tgtttnccct	ggaagctgag	aanaatgggg	ctttaatgga	120
acaaatngct	cangaagctg	tttgtnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanaggggtg	tttcgtctat	ttttccagaa	ngcnaagca	gaggaagaag	240
gttattttga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tgttccccat	tctgggtgtg	360
gatctatagg	tttattagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaatga	480
tggacactgt	ataatttggg	taagactgtc	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctatttcn	tgacactttt	atgggtgctg	cactttattc	ttgngntngn	600
tttttgatgg	ggagggaaa	agnactgaaa	tgttttcgna	aatttttntt	tanngtgccn	660
gcttaggnnt	ncttggtntn	gactctggtg	tctngaataa	gangagntgn	tcccatatgt	720
ttngnnggna	anc					733

<210> 4784

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 4784

tnaattcagc	tcttgttctt	tatgccgatc	cctcgattcg	aattcggcac	gaggccaagt	60
atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgctctccct	gaagaccttg	120
tggaagtaaa	gcccaagatg	gtcatgactg	tgtttgcatt	tttgatgggc	aggggaatga	180

```

agagagtgtgta aaataaaccaa tctgaataaaa acagccatgc tcccaggtgc atgattcgca 240
ggtcagctat ttccaggtga agtgcttatg gcttaaggaa ctcttgcca ttcaaaggac 300
ttttcatttt gattaacagg actagcttat catgagagcc ctcaggggaa agggtttaag 360
aaaaacaact cctctttccc atagtcagag ttgaatttgt caggcacgcc tgaaatgtgc 420
tcatagccaa aacattttac tctctcctcc tagaatgctg cccttgacat ttccattgc 480
tgtatgttat ttcttgctct gttatctttt gccctcttag aatgtccctc tcttgggact 540
tgcttagatg atgggatatg aatattatta gacagtaatt ttgctttcca tccagtatgc 600
tagttcttat tcgagaacta tggtcagagc gtatttggat atgagtatcc tttgcttate 660
ttttagtagtac tgaaaatttg cccgaagtaa ctggctgtgc agaattgtat 709

```

<210> 4785

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4785

```

gnnngntgnc cggncnttta tacaatacag gctacttggt ctttttgcag ggatcccatc 60
gattcgctga cctcctcctc agagaaagca ctggccaacc agttcctggc ccctggccgt 120
gtgccaacca cagccagaga gcgagtgcc gccacacaga cggtgcatnt gcantcacnn 180
gcgcggtaca ccacgagat gcgagtgc ctactangca cggactctgc aatgtgagtc 240
accatgaaca caacatgact tgagggccaa ctgactaang acaagacatg tattcttgct 300
gccccagggc cttcatgcc tggactcctn gcnntgantn naacangagc atcaccaaac 360
tacnctgna nnaataccan gactnatgat aatggncctg ananganca aagctctgna 420
cantggctna tacnttgtna tttncgtagc tgaagcatgn ggntcacctn nnntcangan 480
tttgnggacc aacntnncna actntnactn taacncatgn cttttctaaa nnttnaaant 540
tttaatnncg nntncaacnt tcncaatntc tgggnntccc nanntgctnn gnnaggnaat 600
ctnnctnnga ntaaaantnt ttnanacnca anaaagntgn agggtttcaa nntaagcttn 660
aananntant ncaaattnat actttntttt gngntnnnta ntagnnnnnn tnanaacnnn 720
tntntttctt antnatatta tnatagnta atataanntt atantnatan ncnatnnann 780
naacgtctan anntttttat ntcnntaaan atttcttttn naagntntc n 831

```

<210> 4786

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4786

```

tttnnnngnt ttannncatt ttgctactng ttctttttgc aggatcccat cgattcggaa 60
ttatagtatt gacgtgaatc ccactgtggt atagattcca taatatgctt gaattattatg 120
atatagccat ttaataacat tgatttcatt ctgtttaatg aatttggaaa tatgcaactga 180
aagaaatgta aaacatttag aatagctcgt gttatggaaa aaagtgcact gaatttatta 240
nacaaaactta cgaatgctta acttntttac acagcatagg tgaaatcata tttgggctat 300
tgtatactat gaacaatttg taaatgtctt aatttgatgt aaataactct gaaacaagag 360
aaaaggtttt taacttanag tagccctaaa atatggatgt gcttatataa tcgcttagtt 420
ttggaactgt atctgagtaa cagaggacag ctgtttttta accctcttct gcaagtttgt 480
tgacctacat gggctaatat ggatactaaa aatactacat tgatctaaga agaaactagc 540

```

cttgtggagt	atatagatgc	ttttcattat	acacacaaaa	atccctgagg	gacatthttga	600
ggcatgaata	taaaacattt	ttattttcagt	aacttttncce	cctgtgtataa	gttactatgg	660
tttgggggta	caactttcatt	ctatagaata	ttaagtggga	agtgggtgaa	ttctactttt	720
tatggttggg	gtggaccaat	ggctatcaag	agtgacaaat	naaggttaan	ggatgattcc	780
caaaaaaaaa	aaa					793

<210> 4787

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4787

naatngcnag	gctentgctc	tntgngcagg	ancccatcga	tncgaattcg	gcacggaggt	60
tatgagtgg	catngtgaaa	atttgngtga	atacagcaan	gtagcaagaa	aatnncngnc	120
ntatntacta	canttaacct	ntatnaactg	nnnngncata	tgacatccaa	atgttntatn	180
atnacctgg	aaanttanta	tagtntanga	tactaaaaca	gtatgnntac	aaaagtgaac	240
tnnctgtgca	nntntcacag	gntttattca	tgtgacacta	tatantgcct	anngtcacnt	300
ntcanccang	ttcntctnna	gtgnaantnn	ntcnagngca	tctngcacag	atgctnnatt	360
gactanagaa	tgaatncnnt	gggcgnnnat	acntgggcta	actgcngnna	tngatcattc	420
tananngcac	tnatgnanac	anccccatan	angccggaca	gacgggtanac	atacnnanng	480
angcncaga	tncttttann	atgnatnatt	gagatttnac	cagtctcatg	tgccccgcgt	540
tntgtgtttn	nctnanacan	gcngattnac	nctgntctag	ncatcttgnc	tnnatcgnga	600
aataatggct	cctgcctcca	tnataatgtt	taggagngaa	atgnaannan	ttcgcggtgg	660
cntgctngag	tgcnaaaggc	ctttacnngt	tgngancnaa	ntnggggnagc	nagttntcnc	720
cnnatngtac	gctccccctna	ncaatntccg				750

<210> 4788

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4788

tgnnnttttg	nttcnaatgc	nngctcttgt	tcttttttgca	ggatcccatc	gattcgcgca	60
aactttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggttgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgagaatat	gctaaacttt	tgccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattgag	aagagacgca	gactttctct	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgaagcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggaacaaacc	acaactagaa	tgagtgagaa	aaaatgcttt	540
atttgtgaaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcatttttatg	tttcangttc	anggggaggt	gtgggaggtt	660
ttttaattcg	nggccgcgcg	ccaatgcatt	gggcccgagc	ccacttttgg	tccntt	716

<210> 4789

<211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(792)
 <223> n = A,T,C or G

<400> 4789
 gnnnnnnnnnn ttttnaacgc tngctacttg ttcttttttgc aggatcccat cgattcgaat 60
 tcggcacgag gagagcttgg gatgtggtta tgccagccac actcctcaga gccgtggcca 120
 gatctcatca tatattatca aaagcacatc agtgccgaag aatcgggtcat ctaatgttaa 180
 aaccacttaa ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg 240
 atttgttcct tcctgataaa acagctagtgt gtttgaataa gtctcagatc ctggaaatga 300
 accaaaaaaa gtcagatacc agcatgtctgt ctccattaaa tgctgctcgt tgccaagatg 360
 aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtgt acccaciaaac 420
 caaatctgtt gggttctaaa tgggtttataa aaatattaaa gaggcatttc tcatctgtat 480
 caacggaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat 540
 ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa 600
 tgcactgcac agcattttgca acggcagatg agtatcatct gggaaatctg tctcaagatc 660
 tggccttcca cggatatgtt gaagtaacaa gcttgccctag agatgcagca aatatttttg 720
 tgatgggtgt ggaaaattct gcaaaaagaag gtgatcctgg aacaatattc ttcttcaggg 780
 aaggagctgc tg 792

<210> 4790
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(829)
 <223> n = A,T,C or G

<400> 4790
 ggtggngggg ngtanttteta atgctgggct ctnggtctnn nncanganca cncnncggga 60
 atnctcanna ncnacacctc nagncccttn tngaggttct gatcanggna ttacactctt 120
 ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa 180
 gctggagaaa aagaaacagc tttcatacag tgcaaaactgt ctacgtctat gtaaaaagaat 240
 ttgagaaaca tggcagtagc cattgtctaatt taatctgggt atgtgtaaat agtttaactt 300
 gatttttgac tctggngttc ggatctatct taagatcgat ggagttaatt gcttcatgac 360
 agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc 420
 naaangaatt nactctgcna aatactgnaa tgacnnntcn ngtgngacnt gttaggcgna 480
 acgatanatt tngagantnt ntcccttttg tatngatttg gnnttangat gcanganncn 540
 nattttcanc cnagngtggn catnaancct gacganaccn ctantntttt ttaannccctg 600
 tattaancac ctagantgcc ccgngngccn aaataactna ngnccccacnt cntntaaaga 660
 acttctgnna aanntagttt agnccntccn ggccnntaaa ntggggngat gnannaaaag 720
 ncngaaaacc nntgtancca ccccntantg gngcnnctnn nnctattnnn tcnnnccgnt 780
 nnctccntac atatcttnc ctnaaatnct ttgggcntca acnaatccg 829

<210> 4791
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4791
 nggnngttna tcnnctgnc agctcttggt ntttttgcag gatcccatcg attcgaattc 60
 ggcacgagct cagtaaccca attactagtn ccttttgaag agaccaggct gggaattggt 120
 agtaataata atagctgaca ttaccagggt gctaccaca tgccaagcat catgctaata 180
 ttgccagggt cttctgagtc antgtgaatg gcangagcac cacatgttcc ttntcttca 240
 gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat 300
 tngntaaaaa aaaattttgt tactgggaaa atagccatta ctgggaaata gctttgttac 360
 agaaagtcc tcatgtggct gggcacagtg gctcacgcct ggaatcccag cactttggga 420
 ggccaagggt ggtgggtcac ctgaagtcan gactacaaga ccagcctggc caacgtggtg 480
 aaactccgtc tctactaaaa atacaaaaaa attagctggg cttggtggca tacacctgtg 540
 atcccatcta ctcgggangc tgaggggagg gaattgcttg aaccggggan gcngacgttg 600
 tagtgcgcca aaattgtgcc cttgcattnc agcctaggcn ngagagttag actccgtctc 660
 aaaaaaaaaa aaaagggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta 720
 tgaattaaaa caanatnna aaaaact 747

<210> 4792
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4792
 ctncctntnt tntnnnattt ttnantnttt tanatnanth tntttanttt ggtgtngntc 60
 nttnttctan cctacacnct ctttctctat ctanancnct gggnttnnca aaaatntggc 120
 tcttctatnn tntcngnctc ntctatnata caccantgg cgaatccaca tncaggggggt 180
 ctncaccaa gttccaacct ccaaagtga ngactccgtg gaacagcaag ggnaggtgaa 240
 gaantaataa agagaaaaga aangaanaac ngcanaanaa aangaaaana gaaaagaaag 300
 aactaaagt agaaaaccac caggaaaact caaggaaatca naancctaan aagcgcaaaa 360
 agggacagga ngctnacctt gaggtgtgtg gggaggaagt ccctgangcc aatggctctg 420
 cagggaanag gagcnngaag aagaancatc tcaaggacag cgccagtgat tgaanangca 480
 cncntnggcg canggaatag gaancnngan gactnngaa tttgaaacac attctannaa 540
 gaaaaagatg aancctccaa nancatnctg anggccngaa accanangac natgantgct 600
 tcctgcaaaa ggttaattca actggtaatg gaactatttn aaagcaaatt ctgaaaccan 660
 gnccccaga caatgnaaat naccattcna taaagcctna ggnaaaaaat gttttatgct 720
 ccanttctta ccacaantg acatnattga gccatnnacc atattccna atgatggaaa 780
 ctccctang tncattcntt ttaacnaaga aaattcaatc cnannaaccc cttaaccttt 840
 naannttatt tanaaggnnn 860

<210> 4793
 <211> 1222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1222)
 <223> n = A,T,C or G

```

<400> 4793
gnnnntttttn ccctnaaaaa atggggccctt ggggggttttt cccttaaaaa ttggnccttt 60
gggggttttc cnaaaaatnn ncctttgggn tntaannacc gngnccgttt ttctgngnna 120
naannngatn ntctnnntcn nctnnnnnnn annnancnnn nntncannt ctatnncnn 180
nnnnannann tctnnnnna ctctnntcaa ttcnnnnnnn actnnnnntat nnnnatnnan 240
cnnnntgnnn annnnntnt catctncncn nantnncnct atnncnnnat ctnannctct 300
cntnnnnata nacctgncat aanactnnnn nncatagtcn cttnacanct tnttatancn 360
ctnatacacn atctnttcta antctantnn atnatanaen tccatcatna ttnnntactt 420
ncanaccccn ctnnccctac nctnannent cactcccnnc cnatctntc tctnctatnn 480
natcantntn nnnccancca ctnnnacnnn ntactantct accnnncttn natctcnatn 540
natcatancc atnctcnc nccacnnttc ncctnttaac nntntatnt caatanaatn 600
nnctnancna ttacntcnc tcnctcttc atttntntta tctnctcatt aannnnnnct 660
ccnnctcan ntnnccntnt nntactcnc natcccntaa ntctccnca atcatactca 720
tctctccat anatactcan atccatacn nactatcanc tanntcttcn antatatnt 780
tcattnttac natccctctc tccntcannt ntnaanacnn cnanntacnc ttanatctat 840
ntntanatac antcnnntnn ncncaatntc anatnttcta tcatnctnt aannatcctn 900
nntntnnnta taatcctanc nanccacann nntccnnta tntnnnnaca catntatacn 960
cnactnannt tctcnntcct natnacatan cccacnctnt ncatacanc ntencatntc 1020
ntnnntnta ttnttcanc antaacatan tnanantcgt actnnnnann cancactncc 1080
ctcnttatat tcatcnatct ntacatacca tctannnnann nacnnttcac nnatnctct 1140
ncttnaatta canncacnct cnntcatann tcnnttatat atcactctnt ncnanatcca 1200
ctntntctnt nntctccncc cg 1222

```

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

```

<400> 4794
ggngccttttn aaaatacccn gnttnnanac gcntngttac acncnctagc ttaaaagggg 60
gnggaaccct atggntgcat tgactgtggc aaggccttna gccnagaagt tttgccttgt 120
agcacatcag ggtatatcat acagggaaaag actnccttng tatgtccnga angngggcaa 180
ccctgntcac agaagtcagg actcattaga catcangaaa atncactcag gagagaaacc 240
ctatnaatgc anngactgtg ggaaagcctt ncttncaaag acaangctca ntgtcannac 300
agaacnnaca cgggagagag accctatgnc tnggatgagt gtgagaaagc tnncttctat 360
atgtcntgcc nttgttaaac atnagcagaa tacactcann ggaagaaacn cngggngatt 420
cannngaang nggaaatntc ctgaccacan ncanggtncn tntcnnnnag ttcctaanta 480
gaacaatggn gcnannnggg tanaaaggcc cctgntagna natannntna anaccttggg 540
nggcnnnnat ggatnnggnc nngtggggtg aatactgatg tgnatntctc nggntnancg 600
accantatnt tngcatntnt tccatttggg agnaatacct actntntaat ntcnnnatnt 660
nctgcgggan ntannntnt ttagcatctn ctatccataa nnnncnaaat ngatcatcat 720
atnntcnatg nntcatctn gtctnacact nttgggtngc catctgctnn agacatnnna 780
ctntaanctn taaattnatc gctnantann acccanngtg ntnaccagcn gtnacnnenn 840
gctnctcngt nngtatant ntcacnatca tantcantga atntanngan acngcatct 900
tntnannctg cctcnactc tatcanaatn aagtnncncg aggnactcan antnactntc 960
nntnnttcn canaatgtat catnnnctcn nnanantatt ttgantgcan atcatngnan 1020
acntatgaan ccnaatcatg tntattnena nngcnttact tntnancg 1068

```

<210> 4795

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4795

tttctaaatn	gcttggggttt	cnaaatccct	tggttgacgc	cctcgccctaa	nntggcggtgn	60
nantgccnc	gattcgctgn	caagtctgga	antcatattg	gagcctgngt	ngactgaaaa	120
ctcagcanga	gttgatgtta	aagtcttggg	tctgaaattn	gtngggcagg	agattaggct	180
ggaaactcag	gcagaatttc	tgtgttacia	tcttgaggca	taattcttct	ccaaaaaat	240
ctccattttt	ttctcttaaa	gccttggatg	agccttggat	gattggatga	ggactaccca	300
cattatctag	ggtaatctcc	tttgcttaaa	gtaaactcac	tgtgttaatc	acatcaacaa	360
aataccttca	cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	420
ataaaattac	tatcattata	ctttgtctta	tcacatactt	ctaccttgga	agggatattt	480
cccagttggt	atagctacaa	aacagaggca	gatcatttag	cctgcattng	attngtantg	540
aaaaataagc	ctttggtgng	tttaaccact	gaaaatgttt	gcggcctatt	agtantngca	600
caacttatcc	tatnctggcc	aaacatagaa	tgctttcggt	ttgcaaggta	acangatccc	660
ctttacagnt	gtacnaaaaa	tnancnntaa	aaaaactnga	gccctntaga	acntnntagt	720
ggagtcggan	ttaacgttng	ancccagacc	ntggattang	gatncattgg	atggagtttg	780
gacataccac	cancttgga	tggnantga	aaaaaa			816

<210> 4796

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4796

cnnncaaana	cnnnnnnnaa	nnnanaacaa	cggggggcnc	ncnanttcaa	anctggnaaa	60
cnnntccnnc	acagncnacg	aacgaaangg	cacnagcnng	cnaggaaacc	gccncngcnc	120
agcaaccgaa	ggccaggnaa	ttttnaanat	cggngnggga	ggacagnngg	ggncaatatg	180
ggcggggntn	nncttcaaac	angnaaacn	tnccnngngg	cggggganac	cncggncacc	240
atggannaan	tncnacaana	ccgnggggaa	gacnggntat	gcaggcnccg	ccataaancc	300
ccccctacta	aggcnncang	gancaccaac	agntggnggc	cancaaaaagc	ntntaanaac	360
aanacctnac	aanntcnca	ncnntttngc	ntatcccacc	acnggganac	angncaacgg	420
tggaacnctn	aacaannaaa	atnngaaaaa	caaatctccc	caanaatngg	ggggngaacc	480
annngnnangn	nanctnnaac	canaccgtcn	tgnaacnngc	nccaatacaa	ngggngnngan	540
gnngncanaa	cangcnngn	accngcacgn	aaggnggngg	gcnnngnatca	cancaaacag	600
acaatatcca	cggegnaccc	cnnncaennc	ntnaacggga	cccngagtac	acacangcac	660
gaangcccn	ccngnccac	ccccctgnaa	ncgagaaaac	naangccngg	atacaaaaaa	720
ccccnaacca	gccggnctn	cccccccaac	nngannaaag	naacanaccn	cacannngcc	780
nnngacaaan	cncnacaana	nngggnaaac	aaacnctatg	gganatcccc	ctanggnang	840
cngaccggn	aaacgganna	ncacaancta	aacaancngt	ncacgcaaaa	aaaaacngcc	900
caaggcccca	tcacngaang	gaaaacncna	nacggnnann	anagnncncc	taannaaann	960
ccnncnncng	nncaatcncc	cattcgaaaa	ncnncnctn	ccgcnaannn	ggaanacnnt	1020
caaaaccccc	cgannncgac	mntatncagn	aacannaaan	ntggtgtnac	cnncccnnc	1080
ctaananaac	nncc					1094

<210> 4797

<211> 930

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(930)
<223> n = A,T,C or G

<400> 4797

ttttgctaac	cgctgggcta	ctcgntctct	nngcaggatc	ccatcgattc	gaattcggca	60
cgaggtggag	agcgcccagt	ttccagagta	tgatgacctc	tactgcaagt	actgctttgt	120
gtacggccag	gactggggcc	ccacagcggt	tctggaggag	gggatctcac	agatcacatc	180
caagagccaa	gatgtgcggc	aagcactggg	gtggaacttc	cccattgatg	tcacctttaa	240
aagcaccaac	ccctacgggt	ggccacagat	cgtgctcagc	gtgtatggac	cagatgtgtt	300
cggaacgat	gtggttcgag	gctatggggc	cgtgcacgtg	cccttctcac	ctggccggca	360
caaaaggacc	atccccatgt	ttgtccana	atctacgtct	aaactgcaga	agtttacaag	420
ctggttcatg	ggcggnngc	cagagtacac	agaccccaag	gtgggtggctc	anggtgaagg	480
cccgnnaang	gtgtgtttgn	ggcccaaccn	acnccaatag	ctggngggca	acacagaata	540
gntnctgtat	aataatagtc	tcattttcan	agaaanant	tnntatteen	ctcttnnttc	600
ctaatacnca	ntncttatta	ntntntaccn	tcnnnnnncc	ncctcatttn	cnctntttca	660
ttttatcntt	atcttatnnn	nntcnancct	actnntatta	ctctnnct	nnantctcta	720
tnctacnac	ctntaatac	ctncttantc	tanacttcnc	ntctntacc	ntctctctca	780
tnctntnct	actctctccc	tctcttctnc	tccatattat	tcttctctnn	nantctntct	840
tntntctnct	tattancntn	cctntctntn	tctactatat	catcatntnc	tntcnancntn	900
anntntctat	ctcntacnta	ctcanacaac				930

<210> 4798
<211> 801
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(801)
<223> n = A,T,C or G

<400> 4798

aaaaagncag	gcnacntgna	gacanaagan	cccanngaag	aancncagga	aaagcccacn	60
ccgaaggggn	anacggacga	gccnaggcaa	aggncannaa	gaacagnat	ttacanacga	120
tntgcccnga	ancncnngg	gngaaancag	nggcngggcc	accagnaaag	aaacnagnnc	180
gcccaggncn	nngangnana	cnanaaacgn	aaganganga	gnnagggggg	aancangaca	240
ggagaggcaa	aannaaaagn	nanananagn	ggcnagncgg	acngaagaaa	naaacaaggg	300
gngaagnaca	ngaacnaaga	aanagcaaag	anaacnnaaa	gngaacaann	ccagcgccna	360
gcannanccn	aggangcaca	naaaacagca	ccaagaagac	ngnannagca	ngagagnnga	420
agagangggc	cncacgggga	cacacnaggc	aaacgcgana	agcagnacng	gncnaggngn	480
cgcgaaagnan	aagagacnca	aggggangag	agcanaaggg	aacgggnngc	aggaagaaga	540
caangnaacn	caggaacgaa	aaagggannc	agaaagccgg	agaanaacac	ggngaganag	600
naccaaaggc	naanaaggng	acaangggca	agagacanan	accangnngg	acnnaagang	660
cnacannagg	naaaacanna	gangaaanag	gggaacanga	angnaaaagn	gaaannnggg	720
ggaaaaganc	aaacnaaaca	gaaaacgggn	nnggaaaaan	nacaannгаа	naacangggng	780
ncaannggaa	nnaaagggga	n				801

<210> 4799
<211> 813
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 4799

gnnntttttna	annncggttg	tttcnatgta	ncattttacna	gntcttttttg	caggatccca	60
tcgatcgag	gtccacagcc	gaggtcganc	ancggcacag	cgaggtcggc	agcggcncag	120
cgaggtcggc	agttggcaca	gcgaggtcgg	cagcggcagc	gaaggtcggc	agcggcncan	180
cgaggtcggc	aancggcagc	naaggtcggc	agcgggcccc	cgctgtgctc	ttccgcggac	240
tctgaatcat	ggcnaaccac	nggccacgat	ggcgacctcg	gctcggcgcg	aaagcggctg	300
ctcaaaanag	gaagacatga	ctaaaagtgg	aattcgagac	cagctaagaa	gtggatgtga	360
ccccacggt	cgacaccatg	ggcctgcggg	aggacctgct	gcnggcacat	acgcttacgg	420
ttttgaaaaa	ccatcagcaa	tccagcaacg	agcaatcaag	cagatcatca	aanggagaga	480
tgatcatcgca	cagtctcagt	ccggccagga	aaaacagcca	ccttcagtat	ctcagtcctn	540
cantgttttg	gatattcaag	ttcgtgaaac	tcaagctttg	atcttggtc	cacaagaaan	600
ttggctgtgc	cagatncata	aggggcttct	tgcttntcgg	tgactacatg	aatgtccant	660
gccatgcctg	cattggangg	acccaatttt	tggccaagga	catcanggaa	cctgggttta	720
cggacaacat	gttttcncgg	gcacttccaa	ggcgtgttt	ttganatnat	ccttncaaaa	780
aaccctaang	gacacctgct	nttnaaaaat	ttg			813

<210> 4800
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4800

ttnaatnctt	ggcttttcan	aatngctgga	ngactngttc	tttntgnang	accgcacgag	60
cacgaatncg	gcacgaggtc	actntgnaac	ccagactggg	agtgcancgg	tgtggncata	120
gggnnctgng	cctggnanng	tntgntcgag	ntgtnatcnc	nantttgntt	ttgggtctgt	180
agcttaanna	tgengannna	ngatgcnnnn	anngtntntg	tnaganatgg	ggtntancna	240
gtttnnncna	ncngnnttca	attncatggg	ctcaantgaa	ccnctgcnnt	ggncnctna	300
ntatnnggga	ctnncagaca	tgngnnanna	gtncgtgggtg	canatctcaa	tattanaggt	360
aatatgnnat	agtgatatcn	atgacngtac	catttgnttc	aaaatgtgaa	aganataccg	420
ctgaagttan	tatgtntcnc	cttccaantc	nagccgccat	ntcnntcnac	tcngcnanta	480
tgctgactca	naatgaatga	tngacatttn	ngntantncn	gcacccctac	nagtgtctatt	540
atnnctanan	atntcnataa	ttnnctngnc	cctnnancct	acanncntng	tcgnatgtnt	600
atccnncttn	ntggancttt	gaaannttcg	atagggggaa	cntgatnagn	gcagtntnac	660
anaatgnttg	cnanttntna	ntcggaanaa	tcnaattngg	gnagctgnta	aacancnngg	720
gcntaccttt	ntaatgtncn	ngggtnntna	antcaaccng	gntncngaaa	aanaac	776

<210> 4801
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

<400> 4801

tnnnnnntttt	naantcaatn	ctggctctcg	ttctttntgc	aggatccctc	gattcgaatt	60
cggcacgaga	tggcagttgc	ttttgaagta	tatgatgact	tcctccacta	caaaaagggg	120
atctaccacc	acactggtct	aagagaccct	ttcaaccctt	ttgagctgac	taatcatgct	180
gttctgcttg	tgggctatgg	cactgactca	gcctctggga	tggattactg	gattgttaaa	240
aacagctggg	gcaccggctg	gggtgagaat	ggctacttcc	ggatccgcag	aggaactgat	300
gagtgtgcaa	ttgagagcat	agcagtggca	gccacaccaa	ttcctaaatt	gtaggggatg	360
ccttccagta	tttcataatg	atctgcatca	gttgtaaagg	ggaattggta	tattcacaga	420
ctgtagactt	tcagcagcaa	tctcagaagc	ttacaaatag	atctccatga	agatatttgt	480
cttcagaatt	aaaactgccc	ttaattttta	tatacctttc	aatcggccac	tggccatttt	540
tttctaagta	ttcaattaag	tgggaatttt	ctggaagatg	gtcagctatg	aagtaataga	600
gtttgtctta	tcattttgta	ttcaaaccatg	ctatattttt	taaaatcaat	gtgaaaacat	660
agacttattt	ttaaaattgt	ccaatcacaa	gaaaataatg	gcaataatta	tcaaaaacttt	720

<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1117)

<223> n = A,T,C or G

<400> 4802

atnnnnnnnn	nanncatnt	nctantcctn	acnantnnnc	ttncnctnn	nnntntnctn	60
ananttggna	tntagnggna	ttcnaatncc	cagctntngn	ncnttttgca	ggatcccatc	120
gattcgaatn	nggcacgagg	aggaattcag	ctatcagctc	tcttcagtag	tggagtagac	180
atggccttgt	ttgcaaatga	ngnntgcnga	caaaccaatc	ccctgggaac	actgttgtec	240
ttggatgtat	tttgatggga	agctcttcca	atccaaactc	ctcaaagcca	gccgggaaaa	300
gacccactc	attgacctct	gtgatgggtc	agctgatcag	gctgccaagg	tagagaagat	360
gncccatanc	gtcctcnaaa	gggctcagct	tctncaggca	nagccacann	cttncctttt	420
ccgncgtcac	ctgcnctgct	cttttaccct	tgtctntggn	tacccctntn	nactttttan	480
nccnnntncc	aaccctntt	aatggcncnn	ngncantaat	gctnttttnc	ttncnnttct	540
nttngnnctt	nttctoctan	gnccccctc	attatngcgn	naaanncaen	gactatnttn	600
ntctnatggg	entcccttta	accnccnctg	nnacacactc	tcnntentan	tntnnatntn	660
tctncnatnn	tanncnctc	aatatcnten	ccatcacnnt	atctatectc	nngtncctnt	720
ctnnctnant	tnnnatcana	ttttctattt	nncnactcat	ntctctacna	tcntantnta	780
tnnntatcaa	tctcananta	nactantatn	tcantntnct	acannatata	atatnctctt	840
tnnatntntn	tnntnatcat	ntanatnatc	tntcntnnat	anctacatct	ctctntctnn	900
ncatntcatn	tagatacann	tanatntagn	taattatann	ncttnttctt	antnncnnnn	960
nttcnctnt	catcnctctn	nnncgtannn	ctctccnntc	attenattca	tacttcnnat	1020
tgatnatnca	ntannccatc	ataatntcac	ntccctcata	ncttnttctn	caanntatnn	1080
anattctcna	tatttctnta	tctatananc	nttgccn			1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4803

ttcaaatngn	aggctctngt	tctttttgca	ggatcccatc	gattcgggag	antcccatnt	60
ctnnctgctg	acgagggacc	tgctttgggtg	agtnccggaa	ggcccaggga	gtngngggcat	120
gcnggctnct	nattcactat	ggggnttcgc	cntggacacg	tantcaantg	cgcatgctgc	180
tgcccatgtn	tnctgcccc	acttcaccca	nttgggggct	gctcaagggg	ngnnnggcnt	240
cngtggctgg	aggccagtat	ttanacaagg	ctctgtacat	gacacncaac	tgtgctnana	300
gtnccttcnc	tcngactaca	ccnatgnttt	nacagtnccc	tnntgnnnnn	tcntnttact	360
acagtgcnan	aaccnnaatg	ancntttntt	tcctgctnna	tgcnnnnnn	antnnnnngac	420
ntntgtgtaa	tgtaacnaa	gtgtgtacac	tttaaancca	catattgtat	ggtnctcctgt	480
annatnangt	gccngaacat	gnacatttcg	atanccanag	attagattan	nggtntntcat	540
anggctgggg	gaannggcat	anccttagtga	ttggtaatga	tnngggattt	nttttgggaa	600
tgaatgaaaa	tattctaaaa	ttngttgggn	nnttatccna	attctacgaa	atattnttaa	660
aaaaccacn	tgaatttgnc	tactttaagn	agagtgaat	ttnatgtcct	tgttcctcna	720
attaagcttg	ngnaaaaaga	tcgtaaaaanc	nngatnnnaa	ntttctntna	nnngnnctn	780
t						781

<210> 4804

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4804

aagctcttgt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgaga	aggctgagac	60
anganaatgn	cntnaatngn	ngaggcagag	cttgagtcn	nttcgagatc	acnccactgn	120
actncaaccn	gngagacana	ntnngactcc	ntctnatacn	atgngaacc	taaaatatgg	180
gntttntgca	cattccagat	ctcaanancn	tgattctaan	tgaaagatgg	caatatncca	240
tcagaccagg	tnntntctag	ntccntntta	cgaaatgtcc	acaaatggca	ggatcttcag	300
antcctagtn	actgctantg	ntnncaggaa	tnntntnng	gngactanna	tgtntctaaan	360
ctnantggag	gtgatggttn	aacnantngg	tcactncact	aagaatcatt	nnatngnnac	420
tctatntggg	canatantat	ngcnaatgta	ccttaatnan	atcatgcttn	aangtcaatt	480
aatccactca	tgaanttnan	cctctananc	tnnagtgann	ngtattacgn	ncatnccnac	540
ttgntnagat	ccttgatga	ntatcggact	aaccntnat	cttatgcagn	ntacaaaaat	600
gccttttnna	gggnaaatnt	gcgatgctat	ntgcnttatc	cnaaccatt	tgtacnntcc	660
catttaacag	ggttacnnc	catccaattg	gcaatngatt	ttatggnttc	ntgggttnnc	720
gggggtngat	ttnggaangt	ttnttantt	tcc			753

<210> 4805

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4805

agggnnnnt	tttnagatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagg	tttgatcatn	ggncaggtn	ctggngagaa	ctgcctntgn	ggntagctga	120
ttnnnggggtc	cttcatatga	acganctggn	tggagcactc	acaggactca	cccgggtacn	180
aagattccaa	cangatgatg	ctnacatatt	ctgtgccatg	gancagattg	aagatgaaat	240
aaaaggttgn	tnggattttn	tacntacggn	tatagcgtat	tnggatnttc	ttttaaacta	300

aacctttnta	ctcnccccga	aaaattcctt	ggagatatng	aagnatggga	tcaagctgag	360
aaacaacttg	aaaacagtct	gaatgaattn	ggtgaaaagt	ggganttaaa	ctctggagat	420
gganctttct	atggcccaaa	gattgacata	canattaaag	atgcaattgg	gcggnaccac	480
cagtgtgcaa	ccatccagct	ggatttccag	tngcccatta	natttaatct	tacttatgta	540
agccatgatg	gtgatgatna	gaaaaggcca	gtgattgttc	attgagccat	cttgggatca	600
gtggnaagaa	tgattgctat	gctnacanga	aaactattgg	nggcaaattg	gccttttngc	660
tgccctttg	ncaggtaatg	gtagttccag	tnggacccaa	ctgtgatgaa	tttcccaaaa	720
ngacnacacc	attncacgat					740

<210> 4806

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4806

gncnctttca	acttcgcccc	ttttnaaacc	cgttggtcaa	atcctcgttt	caancccntc	60
tgcaggatcc	catcgattcg	aancngcacg	agggggnnnn	ncgtggcnaa	ttgcbgncag	120
tacccttcna	gencngngna	aagtgcagnc	anncgtaaca	catgcggcan	acngcannga	180
gcanaatgnt	aatgnccact	tcttgantca	tnccagaact	cccttaagcc	cacaagtttg	240
tnnngngnna	ggtcaantct	aggaacncng	ccgngnaacn	ggtntctcaa	tnnagncatc	300
cttantnct	gcatanacan	gagngttctt	aaaacnnctc	cngtaaagca	agncatntct	360
ganntnccctg	aggatcattg	ctcccgnata	cngntgntgg	ggtgagcctt	caggagang	420
ggaacagaat	nnngtactag	ggtcganagt	caananacta	aggcncttna	ncaacatctc	480
agagcanann	atctgnggag	cccntggaac	gntactgggn	aatttantca	gtgngcattt	540
ntnaagactg	ggncacagggn	tggantnatc	tnttggcgan	gggnncntag	ngcctcanca	600
caacactgng	cnagcccngg	acttagnaaa	cccctgcana	aactggnnna	annggcctnt	660
taaaantncc	ccanangtnn	accccnnaag	aagcncggna	agcccnnaaa	ctnccaaacc	720
aaccnctntc	tttctctnnc	naantnnaca	ncntgggggt	ntgcnttggt	nnnaaatngn	780
nccnanaant	gcaccagntc	nacnntagtc	nnggggnacg	gnnc		824

<210> 4807

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 4807

tntagatata	gctcttggtc	tttttgccag	atccctcgat	togaattcgg	cacgagattc	60
ctttcatggg	acagtattta	ccccaaagtc	tgattaaata	tctgtttata	tatttcttta	120
ttggattatt	tgtttatttt	tctctctcta	gactgcaagc	tccttgagca	gaccatgttt	180
atcttgctta	ccacaggtgc	tcaataaata	tttttgacta	tttattacat	gagaagggtt	240
ccatgcaaac	acccattgaa	tacgattgaa	cttgaaccct	aagagatggg	ctgtgacctt	300
tggtgcccct	aaactaatca	aaggggagtg	atattcacca	tccagaatct	agaataaact	360
anaccttggtg	ggccaggagc	tagctaccca	tatgataata	caagagctct	cagagaaatc	420
atggaagttt	tgagcaatct	ctctctccct	ttgctaattt	acttttcaaa	actgaagtat	480
aatgggaata	acttccccac	ctctcaaatg	tcagcatgct	ctgaaatttc	atgttctctc	540
aggcgagccg	attcatgttt	tccattccac	cctcttctac	tgggctctct	atgccctttc	600

tacagtctcg	nttnttttac	cctgggccc	tttncctttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagctttngg	aagtttaanc	ttttgagaac	ccgtagantg	atttcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (713)
 <223> n = A,T,C or G

<400> 4808						
tnnnncttna	aatnganagc	tacttgttct	ttttgcagga	tcccatcgat	tcgcttttta	60
acaatctggg	gctgtgttgc	ttctatgccc	agcagtatga	tatgactctg	acctcatttg	120
aacgtgccct	ttctttggct	gaaaatgaag	aagaggcagc	tgatgtctgg	tacaacttgg	180
gacatgtagc	tgtggagata	caaatttggc	ccatcagtgc	ttcaggctgg	ctctgggtcaa	240
caacaacaac	cacgccgagg	cctacaacaa	cctggctgtg	ctggagatgc	ggaagggcca	300
cgttgaacag	gcaagggcac	tattacaaac	tgcacatca	ttagcaccac	atatgtatga	360
accgcatttt	aattttgcaa	caatctctga	taagattgga	gatctgcaga	gaagctatgt	420
tgctgcgag	aagtctgaag	cagcatttcc	agaccatgtg	gacacacaac	atttaattaa	480
acaattaagg	cagcattttg	ctatgctctg	attgttcctt	agaccacata	tggtcttatg	540
aagcagcatt	atgcaagggg	aaaaaagcac	tatgtctgtg	tatgtatgta	tatagtgtaa	600
tacgtatatt	ttaacaaacc	tgctcttgat	attaagttaa	ngtgacacat	aagggtgaca	660
cagaatgtgt	aatgcaaatt	tcataagta	agtaacttta	taaaataata	tta	713

<210> 4809
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4809						
gnnggnnnnn	nnnttgcnaa	tgctaggcta	cttggttctt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggtggag	ctcacctatt	tggaatatgg	ggcatttggt	ttttccactg	120
caatgatttc	agtctggttt	catcatgttg	gaattcgatc	acaccatttt	caaacaatgt	180
taacatagtc	cagcttttgt	ttttctcatc	tcttctgaga	ggagactcac	tgtttctgtc	240
tgaggaagct	cataccctcg	gcaaaacatc	aggacaaata	aagagaaatg	ggggtacgca	300
ttcccaacag	aagcagtgtg	ttatttggtt	taaaactctg	aacagagatc	ttggaaatct	360
ttcaaaaaga	ccattgaatt	cttcattggc	tgagaacgac	gttttaaaat	gtcttaaata	420
aggctttgtt	tgcatgtgtt	gagttcaagg	ggccttatta	ttgaatggaa	ttgcacaagc	480
ctttctttgt	gcaatcaaac	cattgntatt	ggtagtctct	taaaggaaac	tgtggaatcg	540
aattggcagt	ggagtcataa	atctattttac	tgagtgtggc	ttccaagaaa	atgttgcaat	600
tcaaaatgcc	taaagtctgt	gatttattng	gagatttggg	agattcttaa	ataatatttt	660
ttaaaaaact	tccatgccaa	cnttcttggg	ttaaattggt	tggcaacctn	ccccttgatn	720
aaaaaaatta	aaaccaggcc	caaatggtnc	tcaaatttaa	aatct		765

<210> 4810
 <211> 800
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (800)

<223> n = A,T,C or G

<400> 4810

aananggccn	ggcnnncnng	nnnngccnnc	gnaagccctt	tgnangnaac	ccctctggga	60
angccccc	cgccggancc	cngcgccgng	gnacncggca	cgnggcagac	nanacnanag	120
gttgacgngc	cnttttcgan	caggngacgc	acnacncngg	cnggggganc	cccangccgg	180
gcagnnccgc	cggggggccg	gccacgaaga	acgcgggccn	gggcgcncg	accnnggccg	240
cagataccan	caacgggcag	ggggcgnnct	nnnggcccag	caagaagggc	gaaaangagg	300
ccgacggntg	ccnggcgcgg	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgg	cggagccgng	ggacangggg	ngagaaccac	420
agncncnnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccna	ggcnnccgacn	480
cgngcaaaac	ngcnggccna	ccggncncca	cantgaaaga	cnggaggaga	acgggganng	540
aangacnggg	ngcangaggg	ntgagnnngc	caacangngg	cnaacaaang	nnccacnacg	600
cccngngnga	nggcagngnc	agcggnggag	aaggaggacc	ncaaaggcga	cgnggcaggg	660
acgcacnggg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaaggg	ccggggagggn	720
nngnaagggg	ggcccggngg	ccngggcccc	nngnacccnn	aaggcccn	ngggggggca	780
aananngcc	nnnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgccag	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccagaa	cctgctatgc	ggaacaaggc	tgatcagcaa	cttggtgaaa	tagacaaaaa	120
atatgctgga	ttcattcata	tgaaagcagt	ggctggtatg	aagatgtctt	accaggtaca	180
acaggcaatc	aacacatgcc	taaaagatcc	tgtaaggggt	ttcagacaag	acgagtcctc	240
tagcgctttg	tggttcacacc	tttactccat	gatccgtgga	aaccgccaac	acagacgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct	360
cttgatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt	420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgagtcatt	480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcacaccta	gtaaggaaaa	540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga	600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa	660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt	720
taaaacaaca	tttgaagaat	c				741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (817)

<223> n = A,T,C or G

<400> 4812

aaatntacag	tttcnngacc	nttgggcagg	catcccatcg	attcgaatnc	ggcacgnagg	60
atntactggc	cnattggaat	cnnnaacctg	anttagaaag	gctcaacgag	ancangctnt	120
cagggctgct	aaggaagcaa	aaaaggctaa	gcaagcatct	aaaaagactg	caatggctgc	180
tgctaaggca	cctacaaagg	cagcacctac	ncaaaanatt	gtgaagcctg	tgaaagtttc	240
aggtntcaat	gtntactcan	gatggaatga	tnnangcatc	tggtcacagn	tgaagggctc	300
gcntnaccna	tnacactgtc	gtcctgcanc	acannencag	catgnntgtn	ctntgcttca	360
aagnctgana	anctcttcat	ntcnatttgn	ntnacacnet	gcntgacctn	gccctctnat	420
acnacntgtt	tctaaccogn	acntnttccn	tctatnntnt	tntcctngcn	aangnncata	480
tgngccnagn	cngcncngnc	ctcacatctc	gtgctcntgg	cnncttntgc	tgectgaaac	540
tcccttgnet	tacgtntgtc	tcntngggta	ngccctntcn	ctntttcnag	acttggnctn	600
aangtgtaca	acatntantg	tnnangcctt	tctnnaggat	canctaantg	nntggacacn	660
attantaagn	cttntctnta	antacttnnn	attcaattng	ctccttcata	cattctngnt	720
aaattgttcc	ctanctgggn	nagcaattan	atngcattnt	tantagttnn	gnntcccntn	780
tntgnttaat	gcctcnctta	tngggcggtg	ngggctcg			817

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4813

ttngnnaaaa	ntcnnectana	atcnactttt	tgggnatact	tcggctentat	anctaganga	60
naaggggnat	cccccantcn	gnatctcggn	acntnntang	ctaatacatna	gctatnnnat	120
tntttacnca	tgnaattctac	tannnnntcat	ntataataaac	nncctaaatn	antcnaaata	180
nnaagnntnc	tnngggganat	antctnnnna	tnntngantc	nannnnannt	atntcaatta	240
ncnccataac	taanatanta	tntatntnna	tnttantnt	actantnnat	annacttann	300
nantactnnn	natacnanna	tatannanan	acnacnnnnt	tnttntnttt	tctntaaatc	360
aannnnnnntc	ntatattact	ttncnnnatn	tnnatnatnn	tnnatnnnat	ananncnnt	420
tattntcnnn	natattcnnt	atttnnanna	taatcnctaa	tcnaatanna	tnataacnnn	480
cctatcatac	aataagna	acnantcctn	nnnnncnnnc	tancatctt	nnttcnnnt	540
natanntttt	ntgatnnccn	atcantntna	atacctntat	actnatatnt	tatcatntnn	600
annntnannn	caantatatt	natnanacnc	aaactactcn	actntntcna	nttaancaaa	660
nanntantcc	atatntctnc	annncnntga	ntattanana	gatctntnac	tntatancca	720
nannnnattg	nncanatana	tatcantact	acataataant	ctacnntnac	tnntaaactna	780
naannnnnact	atnactcgat	tntctatnca	cttatnnncan	nactactacn	cataacanca	840
gtntntcgcn	tacntatanc	gagtnatctn	nttttaaatn	tatatnacat	actcnanaat	900
ancnatcnat	nattactana	catatnatca	actatatang	tnnagtanaa	atcatctttt	960
naattntntaa	ctaacagnnt	atnaactana	tgnatatnaa	tacatanant	atncaaactc	1020
ntnnctcaca	ncgttataaa	ataaccntat	aanattgntn	tatacagnan	atacttatna	1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgcnatnac	actatntaat	1140
actatanang	ctanategtn	nnatgnntct	cncncttatn	tacnactgcy	antcannnnc	1200
ntnttatcgn	tctcatncca	ttntaccnan	catanatata	cccatattat	antantntgt	1260
nannctntat	atatnttat	natactnann	ttngnnatnt	catatntnan	tctcncagat	1320
nntacanntn	tnatantatn	aatgcctata	ntacatncg			1359

<210> 4814

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4814

cttgaattcc	cctaataaaaa	cggtttgga	agcccnatnn	ctntaggnnn	ncnntgcgnt	60
nacgatnecn	cacgagggnn	ccactgacca	cnantatgtc	gnacntttna	caanggcctg	120
aactaacntr	aanaatnnca	aancatcnna	acgganccgc	cctgcctnaa	cngacgacgn	180
ntcccnttga	gnnatagccn	ngcccnact	taactgagtn	attaaccntg	tatnntntnc	240
ttcngnnggc	tcagaagctg	atngantnan	cncnatcacg	accatcganc	ttgctcnccn	300
nagancncc	cagtnaggnt	nattnagnat	tnnctnccnn	nancntatna	naatggccgc	360
tcccttgatc	nancnatcng	tgactctcat	ntactggact	catnccacct	gcacccangc	420
gnatntaaan	atccccatag	ntcacnnnaa	tnataanaca	taaattagga	tacanacctg	480
attganatgt	tnnagctgaa	caggntntac	cnnctgnann	ctcttgggng	ttaactatgg	540
atatgaacnt	cactttgaaa	actgggannc	nnaacgggga	ttncctaaat	nccttnttgc	600
tataggcnna	tanttnccgg	gagaggntgg	agtatcnngg	atgaancaat	tcanctttac	660
tgaanaaagt	gggcncggnc	tngaattccat	agggnaaaac	canttgttaa	nattatnggg	720
ttccaacgna	anncctgagn	taacnttcca	aanggnntgn	aaganttttg	gaaggcntga	780
atgggancaa	ngggggctcc	cnatccaaan	aaattgtcaa	ntttcaagtn	cctnggcct	840
ttntnaaacn	ntngaant					858

<210> 4815

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4815

tgnnnntttg	nttcnaatgc	nngctcttgt	tctttttgca	ggatcccatc	gattcgcgca	60
aacttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggtgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaacgg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgcaagaat	gctaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaattgag	aagagacgca	gactttcttc	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgacgtgaaa	aaaatgcttt	540
atgtgtgaaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcattttatg	tttcangttc	anggggaggt	gtgggangtt	660
ttttaattcg	nggccgcgag	ccaatgcatt	gggcccggac	ccacttttgg	tccttt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4816

naancnatag	ttcntgtntct	ttttgcagga	teccctcgatt	cgantgcgnc	tnaagnancn	60
gcncaggnet	annctcacc	cattactggc	tgntgttcta	tnaggtctn	atganggnan	120
ctgacnnaga	ccgtggnagt	aacnttggac	tctnctncan	tnactaaga	ananacnaat	180
gtgggcnngc	catntgccc	nctcgtntga	ncacancnan	nnaagagnct	ccagcatggc	240
aattgcnaatt	caccnnga	gctgtncatg	aagngaactn	ngttcnngng	acggcattcc	300
nacctgngcc	natgcccag	acnaggantc	nactggannt	cnagaannnt	gctnntgngc	360
ctcntnaang	gcnnntgtat	ngctcaccat	ggagccctng	nggncnttgg	acntnannta	420
ctatgacagg	ccanancact	gactgaccan	cntngatgac	ggctcntgt	tacctatgaa	480
ttganntgca	tnanancntg	agngatcaaa	gttacnannt	ggtacacctc	tnnctcagng	540
atttctcagg	tnnctcgatn	tcaannctta	atatntacan	ngctaattgc	acttagaccc	600
tgncacgttc	tngatgtnan	acntccttga	cnnnatngtn	acatntttnt	tcatgnctta	660
aaagtnaatt	ggtngcanag	tttctttcna	tnccggatgc	tctgctntta	cncaangata	720
cgngattnaa	tgtnaangnt	cgtcaggaag	nntttantga	acttntct		767

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1154)

<223> n = A,T,C or G

<400> 4817

nggggggaggg	ntgagggtgta	aannnnicten	tanntatttta	ccaagcctta	ctntggggttt	60
cttttttttgg	gccaggggaa	ttccccattc	gnatttggng	gaaatttcgg	gcnaccgaaa	120
ggcagcaagg	gtntntggtn	ccacttgggg	gttgccaaag	gggcttaaan	aatgncttcc	180
aagttaaaaa	aggccagngc	aaaaattaac	cgtngggggtt	cgngcttgga	aaaaaaatac	240
cgtggtcaat	tttcttaaa	gttgtggatt	tatttggcaa	agnttnaaan	aaatggaaat	300
tggatgnttt	tccaacnaaa	ntaaggggtt	atttggtaaa	tttcaagggg	gtattagcca	360
caccaatttt	taaatggtaa	agcccnaana	aaggatgggtt	ttgtnaccac	gtttncnaaa	420
naaaaaattag	tnacctggta	tccanntccc	aagttgggtcc	cacttttcnc	ttcctaaacc	480
tttccttggc	cctaccgcca	acnagcacca	ctttananat	tancnttgcc	accgaatttn	540
cctngaagcc	acngggaaaa	gggaataacct	tttacttgga	ccctgggttc	accgaaancc	600
gaccttnttt	agaccctnaa	tgaaccctta	ttttcactng	ggttnantaa	nacctttgtc	660
ntttggggcc	aggnccttnt	ttcaaccctn	ggaatgcttn	aagggtngga	aaactaggan	720
ttaccnnaac	ccttggtccc	tttcantngn	aantnnacat	accccatctg	gttngtgcta	780
cctttngggg	attaccccat	tnctttannc	ccnggnantn	ccangngtn	ccatcantgg	840
ttcctangta	aaatnncgga	aactttctta	anngganngg	acttgaangg	ncanagnang	900
aaatttngcg	gtagaataac	cctnnnaaan	ngtcnnaatn	tgnttaannt	ncttttaacc	960
ttgaaaaatc	ntagcncnca	cttggttanc	tnnttgcccc	ntttnncccn	ncnnnannt	1020
tggcactttc	cgntattccc	ctnanaaaaat	ttaccngctn	gacatatntt	nactcccngt	1080
gccnttnggt	tnanaccacc	accnttgnta	gtntcccaaa	cttctntcct	catgctacnt	1140
ctacggggag	gtct					1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 4818

ttnnnnnnnn	gtnttttaag	ntacaggnta	caanncctng	gctactngtt	ctttctgcag	60
gaanccatgc	gcntngcaat	gctgancnag	ggctntnntc	atgtatccac	tggnnttctgc	120
cncccaaant	gctngactgc	agnngtgtga	tcatggctna	ctgcnnccctt	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctcttttttac	nnnattgna	nnnnaattat	tanggnannn	tcnaaggcnn	300
aatgnattgn	caccntcnnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnncgctc	tgnnncncna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacanggggn	atntcntcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtgcc	tgtaccaann	660
atggncgcac	ccaactggnt	tccatcttct	taatcagaaa	tntnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagtgagtc	gtntng		766

<210> 4819

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(579)

<223> n = A,T,C or G

<400> 4819

ttaagccttt	gntatctgtt	ctttttgcag	gatcccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaacctt	ngaccaaagc	acccangatt	cagcgtnttg	ttactncacg	tgtcctgcan	180
cacanaaggc	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cntcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgcaagagc	ctatgctgcn	tctctgtagc	nntctctaan	tatgatcnnn	ngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tgccannnnc	tgangnaaga	tggtatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcattttgt	ngntgtgngt	tggaagtctaa	540
ttggcnnncn	ttcttnccn	acctcttagt	cttatgtga			579

<210> 4820

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1028)

<223> n = A,T,C or G

<400> 4820

cccccgccgn	anaaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
gnacgnnnan	ncncnnngca	cnnnanacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgntctanc	aggagnccng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcgncg	acnanngcta	aangcnanaa	cgggaannga	gaagncgngg	annnggngag	240
ncgatgacng	gacacancnn	atnngncaag	nnggacgctt	gnnnacgcag	cnggaccnac	300

anggtgcaag	angccntcga	cnacatanaa	nnaccanaaa	aaacccnagg	cacgngggcac	360
ntcccccg	agnaangcan	cncnnngga	nngccgacag	ngctgagaaa	nngcngnaan	420
ccaggaggtg	gaanangnac	gagcaccnga	naggcgccat	ngcncctncan	nnnnngcann	480
nancagtgc	ctntnnncac	angaaacaac	acnacagana	gtcaagcacc	nnaaaanctc	540
antacacnnc	cacaaggagc	gcnnntggac	ccngctncta	agnccggangt	nggnntaaga	600
cnatcgngan	cccaccaann	tccttggcca	angnnaaaa	angcnaaaa	nggnccttgn	660
tcggcannnn	gcnaantagc	antgaaaaaa	nccggnncca	tnaaaaan	acggggncaa	720
ncctnnntnan	ngngngnngc	aanagnnggg	gcncaaanag	naaacccnna	ttgcacgcgn	780
aggtnnntaa	ttagagggng	gcanacggga	cancacncgg	accgnaanta	ngggccncna	840
canaaactnn	acccaaatcg	cccagggaaa	ncgnaaacgn	gacttttnac	agaacttgna	900
ancgnacgaa	ccccncgann	agtnacanaa	ngcagnnaga	naaaaaantg	ngtcngcncn	960
nnangnngnc	tcatagggga	cnnaaanaac	ataggganac	acaccgngag	cnaanaanat	1020
taagggcg						1028

<210> 4821

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (832)

<223> n = A,T,C or G

<400> 4821

antggnaann	ngggcaanaa	nncccttaag	aannactgaa	nggaaaagcc	cgnagegnnt	60
gggnggaann	gggacgngag	gggnnggang	aggggggtaca	gaccggnntt	tggncgncgn	120
nttncganga	ncgangngng	ggnanntngg	gggggnangn	naaggggagg	cagngggana	180
aagatgcggn	ggcgaggcca	ngaaaggang	gaagggaaga	ngggaannaa	gncaggngnc	240
ccnngggcaa	caaggaggnn	aggggnacag	gnagnaaagn	ngnggaagng	gaccggagca	300
gncnaaacng	ggagngnaan	aggngggaag	naanggagng	ngcanaagnn	gagagagagn	360
acncagngna	gaaacaggcn	nnagagaagc	agcnggngna	aaaacnggcn	ggnannagng	420
anagggagag	gaggnannaa	aggcangnga	aaagaaggan	ggcagangga	aggannngna	480
anaagcccan	gagagnnggn	nnacnagaga	angggggcaa	ggcgacagg	gggaaaggna	540
aaggganggn	agaannngnag	ggggcnngaa	gnaacgagac	gnngganngg	ggaggnanaa	600
nggnnaanna	gagggngaa	gaaaggacaa	gnggnngana	gnggnnagac	gnangcngaa	660
naggagggga	ggagnaaacng	agnagangga	ggnangngga	agggngggacn	gggnncngga	720
gnnggaaggn	ggngannnaa	ggnnngggan	anggggnnnn	aaagggggang	nannaannnn	780
gnaagagggga	ngggaggnna	agggngggga	gagaggnngg	agggcgaaaa	cc	832

<210> 4822

<211> 1036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1036)

<223> n = A,T,C or G

<400> 4822

anngacngnn	naaacnnnnn	nancnnnnnn	naaannnnng	aaanngaagg	naacannaan	60
nngnnnnncg	aaaaannnga	anacaacnnn	cannnnnann	acaccaggng	nanaagnang	120
naaaggaacg	cgcnncn	nnncnnncgn	ngngannacg	aaancggna	ngacgntgaa	180
anntagaatg	cacagannna	nannancnna	ntagnaaaca	tcnggnnnncn	nnannangcg	240
acatntntnn	ccgnttggaa	acgcttggca	atctccgacg	canagagaga	gagaagagct	300

nncaanancn	nagatagnna	gnancgnana	natanangnn	gtcannnnna	naggnnnngaa	360
acnncnncnct	ctanntnnca	gctnnnggct	cacagnngan	agncaacgan	ggcagaagga	420
acatgagcct	gatgaagaga	cnggaaangg	agcacctgnt	cctgnacctn	caaagagaac	480
agnccaaaga	aatacaccca	agcanggang	ctcagagatn	aatancagag	agaggactnc	540
cancctnaag	gcangnatna	nganaaggca	aaanncaaag	gtaaaggaca	tgagagctga	600
agacttgang	angctaata	gacacangga	gcactgggca	cataggctan	nccctaaact	660
gnagntngag	ganattatcg	ncagagcaga	ataccnngga	agtaaaaagg	aagnncagac	720
ctgnnnaaaa	cgaantcgan	tagaaccnnc	cctanatata	catgaagaat	nntgntagca	780
natnatgatg	aangctgcng	gagaanaaan	gaaacactga	aagtnacnnn	antacnga	840
tnagaaccn	nnntggacaa	anntatactg	anaagngaga	atggctngcn	nnrangagnn	900
anagttgaan	ccctaacagn	acgagcaacc	ancagagaaa	nngnnnaana	aantnaacaa	960
cntgggcntn	ggaaaagaaa	gcaaggcaaa	gcccgcagga	nnaaanaagt	nnatgaaccc	1020
tagnngaaaa	tggang					1036

<210> 4823

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4823

tnaatncttg	ctctcgctc	tngcaggatc	cctcgattcg	aattcggcac	gaggctacac	60
tgtgggggga	agatgctgat	aaatttgatg	gttctagaca	gcccgtgttg	gctatcaaag	120
gagcccgagt	ctctgatttc	ggtggacgga	gcctctccgt	gctgtcttca	agcactatca	180
ttgcnaatcc	tgacatccca	gaggcctata	agcttcgtgg	atggtttgac	gcagaaggac	240
aagccttaga	tggtgtttcc	atctctgatc	taaagagcgg	cggagtcgga	gggagtaaca	300
ccaactggaa	aaccttgat	gaggtcaaat	ccgagaacct	gngccaaggc	gacaagccgg	360
actactttag	ttctgtggcc	acagtgggtg	atcttcgcaa	agagaactgc	atgtaccaag	420
cctgcccagc	tcagtactgc	aataagaaag	tgattgatca	acngaattgga	tngtaccgct	480
tgtgagaagt	gcgacaccga	atttcccaat	tttcaagtac	ccgnntgatc	ctgtcagnaa	540
atattgcana	ttttnaagna	gaatcantgg	gtgacttggt	ttccaggagt	ctgctgaanc	600
tatccttgga	ccaaaatgct	gcttatcttg	nggaattana	ngacaagaat	gaacngcctt	660
tgnagaagtt	ttncntaat	gccaaactgc	gaatctttca	ttattagaag	c	711

<210> 4824

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 4824

ncgncccntn	tttaaancg	gcaanccttg	gaanccttg	gaaagccccg	nnncaannc	60
ggnacgaggc	ngggntttc	ctgntacang	caaaancngc	ttcgagggac	cacatttttt	120
cccccgnaac	ccgccgccng	ggaggggaag	annntnaacc	tgggcccggc	acaggggtanc	180
ctngganann	ctgtgaccgg	aaaggcgccc	naccggant	nagtggctcc	aantntcaat	240
gcancccccac	accnnaagtt	gtttttnatcc	tgagaaaaaa	aaggaggagn	gaattattna	300
aanttaaang	aggananccc	ntcntggaan	ggcngcngac	ccttcctgca	gaaatgggga	360
gcacntgagg	acacaggtgg	gtggaggccc	nntgtgcggn	gctggtcgga	ttcnggcagc	420

cctccgtcnc	ttnttataaa	acnttgggng	agaagantat	attganaatg	tcagtgaaac	480
aagccnecat	tggnaatgga	ggcncagann	acnccacaag	gagcccttct	gcntataaaa	540
ncnagangca	aaaaaccttt	ttnaattnnt	gtnaatnaaa	aggaaagact	tgntaggtc	600
anatecnanc	tgggngtggg	nnnacggggg	agaacactgc	naacagggan	aaanggnngn	660
gcacacaana	aangagtggg	cgaaatttgn	ccangtggac	ccagccgggg	aaaaaacnna	720
tanaaaaaaa	ctcttcatag	anccttttta	aaaaaaaaaa	aaaaaaaaaa	cttcgngccn	780
cagaaaacca	annggaggng	acctatnccn	nnagaancgg			820

<210> 4825

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4825

ggnnnngant	gnntttmann	ccttgcaaac	gnntcgctga	gggancgncc	gaatncggcn	60
cgcgaggaa	ntnanatngt	ncatgggnata	nnengtnntt	tgtntgntat	acagtgcntg	120
nnngnagngg	ggntccgtac	tgctagnnan	gaacgtgcat	tcacagggtt	ataaanataa	180
cgatgttagc	accaanccnc	ttcnaccctn	caatagggtg	tnagatgcnn	nanatggang	240
ntgcctattt	aangnntntn	nnntgcncna	tatnngaatt	ncngaggacn	acttannncc	300
gaaanntnta	cttnccgnac	cgnanggcgg	aaagngntta	tttttgatga	ctnctggggt	360
ccgcncngag	agctcctgct	ttgcctgcgc	ctcccgttct	aaactgtnac	cctttagttn	420
tngannaccn	nncccgnctt	gggaacggtc	tgacnntcnc	tcgaaaanag	gaagtggctn	480
aanggcnggc	ttcttgacnc	gngnatcgga	tectnnggcc	cnnccccntt	ccgttncaan	540
cttgcttntg	caacaagcga	tngntnacgc	tttttnactga	nntcttttat	ntcgccattt	600
nggattcccg	ngttccntgn	aacnaaaang	nccnggcgga	ngtcaccnat	aaaacctgtt	660
ccccttgctt	acaanaagca	nnganggtgc	ccgtcngngc	cctggtcttg	nanaacangg	720
ntggtgggga	ancntaaact	nncccacatt	tgatggaana	cncattttca	tnnanccatt	780
nttaaaaaacn	ggggntgngn	gcaacgcaa	nncctactcc	ncactatcca	aagntcccan	840
ntattggcgg	ggcattcttc	attggaaatt	ntggatngaa	ngaaaccctt	ctcct	895

<210> 4826

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4826

tttcaaateg	cttggtact	cgttctttct	gcaggatccc	atcgattcga	attcggcacg	60
aggcctgtna	ttccancatn	cncngncacn	aatnnaanan	ggagncctta	ggntcttaat	120
gtgaacaggc	agnngattan	gctgggcact	caggnagaan	ntcgctgtgn	tcantnttna	180
ggcatgtttc	atgattcaaa	ntactctcca	ncccttgctc	tcaatgcctt	gcattgagcct	240
tgnatgattg	nattaggact	accnanatta	ncncnngtna	tcncccttgn	tnaaanngaa	300
ntcacnntgt	atgtnacann	atnctaatac	ntcaanagg	acnngtattn	tctgacnaaa	360
nagctaggca	nctnaanata	nccanattat	atcnnnatcn	ntngncnctt	nattantaca	420
tacgnanacc	tngtaaggna	tnnttnncan	tggacattgc	tacagatcag	ntgacgatta	480
ngtancctnc	ataantaatn	nanngcattg	tacnttnacn	gatcgttctn	ccnctgncat	540
gntncngttc	ctnagtana	canagctcnt	cgtattctgg	ncgnntnncc	gntatcngtt	600

nntaatgcan	atatccctat	gcaggntncc	catatnnntn	tnatnatgca	tatagccttt	660
tgaangctcc	ccatntnata	tgencatatt	ccaccatattg	aaatnttncc	tnnnnccnact	720
ttggncacat	gtaagncttg	gtnacccaan	ntaatcatc			759

<210> 4827

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 4827

gaaanccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaannaa	aaaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttatct	gtgaaatttg	tgatgctatt	gctttatctg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gagggttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tcctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgcctaata	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccgggggn		767

<210> 4828

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4828

ttctaatttn	aatccttnaa	atnggttctt	tntgcaggat	cccatcgatt	cgaattcggc	60
acgagagaac	acagggtgtcg	tgaaaactac	ccctaaaagc	caaaatggga	aaggaaaaga	120
ctcatatcaa	cattgtcgtc	attggacacg	tagattcggg	caagtccacc	actactggcc	180
atctgatcta	taaatgcggt	ggcatcgaca	aaagaaccat	tgaaaaattt	gagaaggagg	240
ctgctgagat	gggaaagggc	tccttcaagt	atgcctgggt	cttggataaa	ctgaaagctg	300
agcgtgaacg	tggtatcacc	attgatattc	ccttgtggaa	atttgagacc	agcaagtact	360
atgtgactat	cattgatgcc	ccaggacaca	gagactttat	caaaaacatg	attacagggg	420
catctcaggc	tgactgtgct	gtcctgattg	ttgctgctgg	tggttggtgaa	tttgaagctg	480
gtatctccaa	gaatgggcag	acccgagagc	atgcccttct	ggcttacaca	ctgggtgtga	540
aacaactaat	tgctgggtgt	aacaaaatgg	attccactga	gccaccctac	agccagaaga	600
gatatgagga	aattgttaag	gaagtcagca	cttacattaa	gaaaattggc	tacaaccccg	660
acacagtanc	atgtgtgcca	atcttctggt	tggaatggtg	acaacatgct	ggagccaat	719

<210> 4829

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4829

nntttaaaac	cttnttttta	acccttttaa	aacctttcaa	ctaccgggct	ttttgcaaga	60
ncccatcgat	ttcgaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatnctaa	120
cgggccctgg	ccgctnacc	gtggaaagta	caggtcctga	caactggggt	ncctgatggg	180
cctgggtgac	attatctcac	aacaacttgg	tggagaggcg	gggtctgnag	gaacaccang	240
agaggcccgg	actctgacca	tgggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	anggtttgat	cngancatnc	ctgncaccac	caaantggga	tgccctgaag	360
aaaatgttta	tggatcangg	gggctttgnc	cccgtgtttt	ctangctgcn	ttntnccact	420
nggtatgggg	cacttaatgg	aatggntaac	ncagnacaaa	nttgggcca	aactacatgc	480
gggattatac	tagntgccct	tatcaccac	tactntntta	tggncntgct	gtgccagntn	540
nccaactttt	annntgntgc	cccttttatt	ncaaanttgg	ancgnngncc	aaantgaanc	600
ntnttttttt	nttgaacctt	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
nccttgccct	cannttcnan	tngtnttccc	aaccttttnt	aggggnntac	aganttttgn	720
ncccatggg	aancnaggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnagtttggg	tttttcccgg	tgncaaanan	tttantaaag	gaatttggca	840
ccccttgga	gggncccnt	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(858)

<223> n = A,T,C or G

<400> 4830

ttntaatnc	tngctatcgn	agtnntntaa	gnncanttct	aataacttggc	ancncgatnt	60
cgcnnnanca	tncnatacag	tntnctctg	nncgaggenc	ccangtncat	ggctnnatnn	120
anggccatcc	atatgccagc	tggggggccag	gcnacantgg	ccatattgnc	tnagcnnga	180
atgggtgcca	cctacncgaa	ttgaanggct	aagagtccca	gatagctagg	ccagagctgn	240
aagcatacag	taagggggaan	agctgtctcc	acagganagg	gatagattcc	atctcactgc	300
gcancctggg	aggaggcang	gatcctgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgacatgc	aaagtcacga	ctcctncttg	ntgagnactg	agctaccttn	tactgtccca	420
aancnnacta	acagctctcc	aancccttgg	gggtgactga	gatccnanga	nctgtngact	480
taantganga	tantcagtcc	tggtctgcn	nggcaggcca	nattcctncc	tccaanaanc	540
nnnatcttct	naaaccttga	anntgtancc	tntctnattt	accagctan	tttaanncca	600
aatnttanaa	anntannena	atacctttac	tccnaaacca	cttttgnctt	cnttacctga	660
tannngnngn	netatactca	cnnttttagcc	ntaaanngaa	nccttntctnn	annagcnnat	720
ttgtctnttn	ancttggnaa	actttctatn	tanaatnacc	atccaaannt	tnnggnannt	780
cnttaantnt	ttanccnanc	tacaatnnaa	canctntaac	ctnantcctg	taantcnnac	840
aaaattnttc	nttancct					858

<210> 4831

<211> 1786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1786)
 <223> n = A,T,C or G

<400> 4831

cgncncncnc	cnncccccnc	ggnnncngcn	nnnacnnncc	ncnnccngcn	acgncnnncnc	60
naccnnnnna	ngagcncnng	ncgnnnnnnc	ncgccnacna	ngggntcng	ncagcngnnn	120
ccangncnnn	cnnccngnnng	cncnggnann	gcngnancnn	nnannnnncna	cnnangctac	180
nncagcnanc	nnncnngcng	anagnncncn	nnnagcgcna	ncncgcncnc	ncngcgnanc	240
ccacacnnac	gnncannccg	gncnngngna	cnggnncccc	nanctnnnt	cncnttttgg	300
ccaacncngc	ctgggcanen	accnncnnntc	gcncagnaa	cgngngnang	ggnnccgnnac	360
nnccnccgnc	cccanngncc	cntntncnc	ngnagnntcn	nnnnncananc	cncagcanan	420
cncanancn	cgcncnggg	ggnnnnccgna	ccncnnnca	cccgcgnagn	gcncncncan	480
nnccngncgc	ctcccnncn	cncgnacccc	ncnnnnngnc	ccncngccn	gccncnnna	540
nnngccnann	ccnnncnccc	nanacacnnc	ngncgagnc	cnnnnnnncn	cncncncnn	600
ccccnnngnc	agacnactcc	nnccnncncc	agncncnnc	nacccgccn	ngnnnnctcc	660
nnnccgcangc	annncncng	ccncccccc	cggnnctggc	acacgacnc	cncaccgcnn	720
cnnccccnnn	nacnacgng	cncncnagcn	nnacnncn	anncanngac	ncngacacac	780
cngcngaggc	aacacgcncn	caccnnnaca	cncantnac	gcacccggnn	catcacgcnc	840
gcnnngancn	gacngagaca	acncagcnnn	nnccnagnn	nacacgcngg	cnacagactc	900
tcncacgna	cgcannnnnc	gcacctcnc	nnnacaccna	ngcaccgcng	anancncgc	960
acnngngnng	ctcanacgca	ncangcgcgn	cnangtcncn	ngacgcnncc	nctcnacncc	1020
gcngncnc	aacgncgcgc	cancnngac	gncgncacna	cngacgncac	nnnnacaga	1080
naggacncac	tnngcgcgan	nnccnccgnc	cgncancncc	cgacgcnagt	atanacnatg	1140
cnnngnccgc	acacannnnn	cnanaccngc	cngccnccac	gctctcngc	agncacacgc	1200
ggncgcctag	agccnngcat	cntagagcac	gcgcannnnnt	ccngccacat	ngcacancnn	1260
canacnngcc	cncnnccnnnc	agaccncnn	nccanctccn	ganaccncga	ctcacaccnc	1320
nctnncgcgc	aanagnnnca	gganacgct	cngctctnca	ctgnganacc	gcangacgnc	1380
ccttnccnact	canacncncn	gncacagnca	cncnccnccg	nacacncnct	nnacatccg	1440
ngnnatcncn	ncnannnacg	nacannncgc	gcaccngcac	gcacaccann	gncngacga	1500
cccncncgnt	canacctgcg	ancngctcat	gcgcgntntc	tacacnccgn	cngtnccnnc	1560
cncgaccgnc	acagnncnnc	gctnccgntnn	cnnccgncnc	gcgcgntccc	ancnncaggc	1620
nnctacnnc	cagntatccn	gngtnnnngn	caacgcncag	cgntctcnn	acannccga	1680
ngcgnngncn	ntncnnnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgcgt	gtcnaccngg	atacaccgac	cccacc		1786

<210> 4832
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttgggaagca	nnccccatcg	attcgctcag	attaaggggt	60
ttgaaaaaca	aaccgaaaaa	gatgggcntn	attnagcctt	acttgattga	cgttgactta	120
atcagagggt	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	attttttcca	ttgttcagca	attggtggat	tcagggtacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatattga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttcg	ctcttggtgc	ccaggctgga	gtgcaatggc	480

gcaatctcgg	ctcactgcaa	cccgatacct	cctgagttca	agcgattctc	ctgcctcagc	540
ctctcaagta	gctgggatta	cctgcgtatg	ccaccacacc	cagctaattt	ttttttttga	600
atttagtaga	gatggggatt	tcacccatgt	taatcanget	gatctagaac	tncctggacct	660
caggtgatcc	anccggcttg	ggcttcctaaa	aggactggga	ttaccagcgt	gagccactgn	720
acccaaaccg	nctaaacctt	ttaaaaaagg	attatttggg			759

<210> 4833

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4833

ccaacgcngg	ctacttggtc	tttttgccagg	atcccatcga	ttcgaattcg	gcacgaggat	60
tagtactagt	tctatctgga	aaaagcccg	ggtggaagaa	gctgtggaga	gtgcgtgtgc	120
aatgcgagac	tcatctcttg	gaagcatccc	tggcaaaaat	gcagctgagt	acaaggttat	180
cactgtgata	gaacctggac	tgctttttga	gataatagag	atgctgcagt	ctgaagagac	240
ttccagcacc	tctcagttga	atgaattaat	gatggcttct	gagtcaactt	tactggctca	300
ggaaccacga	gagatgactg	cagatgtaat	cgagcttaaa	gggaaattcc	tcatacaactt	360
agaaggtggg	gatattcgtg	aagagtcctc	ctataaagta	attgtcatgc	cgactacgaa	420
agaaaaatgc	ccccgttggt	ggaagtatac	agcggagtc	tcagatacac	tgtgtcctcg	480
atgtgcagaa	gttggtcagtg	gaaaatagta	ttaacagctc	actcgagcaa	gaacctcct	540
gacagtactg	gctagaagtt	tggatggatt	atttacaata	taggaaagan	agccangatt	600
taggtaatga	gtggatgagt	aaatgggtgga	ggatgggagt	caaaatcaga	attatnggaa	660
gaagtatttc	ctgtaactat	ngaaagantt	atgtatatat	acatgccana	aatatatatg	720
tgtgtgtgtg	tctgnnggatg	gatatatgta	tatctcttcc	tatatatatc	cc	772

<210> 4834

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(833)

<223> n = A,T,C or G

<400> 4834

ggnnccnnnn	tttttaactc	ntgccctttg	aanncccttg	tacctcncnn	ngganggggc	60
cctngtttna	attcgctncn	acccanngat	gggccagnng	gngaacttnc	ttgagtatgt	120
cgcctttccg	gnggncgttn	nctnngttct	acnnagaacn	cttngagggc	tgaaaataaa	180
tntggaagat	nganacaccc	tntgnggggc	ctctctgaga	caaataccatn	tggtgggtaa	240
ttgnacanta	aatntttttt	gntcaaatnt	nnaaaaaaaa	aanangcctn	tacaactctt	300
gtgagtctnt	ttaccnccat	ccnnacatga	taatgatata	tatgatgatg	ttggncacaa	360
ccaacatcta	gaagtgcgnt	tnaaaaaaaa	gctntntttg	cgnaanntnn	gatnctnttg	420
nttntttnga	nnccnttgng	cctgnataaa	caagttaaca	acgacanttc	tttcattagg	480
ggagtctngna	tnatgggtggg	ggccangnan	gngttctntga	atctngcntc	gtctcctnca	540
ggncatntnc	acnacacccg	aantttgggc	atntnttttt	gncntntgaa	cggnnnctng	600
gngttnatca	aggatatnnn	ntttcctgtg	tgcaaaattt	gtccccctnc	naattccacn	660
ctngcatgcc	atccccgnat	cattnaaggg	taaaantcct	gggggggnngc	cnnatgcagt	720
nngcncaacc	tcncattttgn	atngctgggt	ggancataaa	tgccctgtct	attttanttg	780
cngngnanaa	catnnctntg	ggcctntngt	gncatntaan	atanattggg	gcg	833

<210> 4835
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4835

tttattccat	cagctcttgt	cttttgenga	tccctcgatt	cgaattcggc	acgagattct	60
ccctaaatag	taaatccac	tgtatacaaa	actgttctct	tgttctgcct	tttaaaatgt	120
tcatgtagaa	aattaatgaa	ctatagggaa	tagctctagg	gagaacaaat	gtgctttctg	180
taaaaaggca	gaccagggga	tgtaatgttt	ttaatgtttc	agaagcctaa	ctttttacac	240
agtgggtaca	tttcacattt	cactaatgtt	gatatttggc	tgatggttga	gcagtttctg	300
aaatacacat	ttagtgtatg	gaaatacaag	acagctaaag	ggctgtttgg	ttagcatctc	360
atcttgcatt	ctgatcaatt	ggcaagaaa	ggagatttca	aaattatatt	tcttgatggn	420
atcttttcaa	ttaatgtatc	tgtaaaaagt	ttctttgtaa	atactatgtg	ttctgggtgtg	480
tcttaaaatt	ncaaacaaaa	tgatccctgc	atttcctgaa	gatgtttaaa	cgtgagaagt	540
ctggtaggca	aagcagtctg	agaaagaaat	aggaaatgcn	gaaatagggt	ttgtctgggt	600
gcataataatc	tttgctcttt	ttaagctctg	tgactctgaa	atatattttt	gggttcttca	660
gtgtgtttgg	acaagacact	tgatatttct	atcaacaaaa	tgactttcat	attgcaccaa	720
tctttgtaag	accactcaaa	taaaagcttt	taaaangcaa	aaaaaaaaaa	aaa	773

<210> 4836
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 4836

gccnnttgan	nccatcanct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgagggggcnc	aaannatntc	ntgatgacaa	anancctctgt	atancagggtc	antcncagtg	120
ttnanagtct	cagttgcttg	cttgggggaac	tngngtccct	aatgngaata	gnntgctnga	180
ttgctcnggc	nctgntactg	tgacagtgtt	tttagacctg	tgtnnctaaa	aaaaaanatna	240
atgcnctgaa	aaggggtgtg	ggaggggtgt	tcancataga	aacanagatg	ttanggtgtt	300
tagattttang	gttggnnaaca	aggatcatct	tagtcaccnc	actgggnagg	cagcatttgc	360
tacattggcn	nactaactnc	cnttgctann	nnntttcang	antncaanna	cntgtgnatc	420
ntagtatnnn	agnntgaaat	nantttccac	cannagcggg	cattgtttct	atcacagcat	480
aggctatgtg	aagcnaactc	tannatgata	aatgacaccc	nntnttatct	attngcatcg	540
acccccgtct	ctacaagaaa	gtnaccaaaa	attttncccg	ggcatgntgg	tnggggcacc	600
ctgtnggtcc	ccagctattt	caaaaaaggc	ttganggnng	ggaggaatca	cttggacccc	660
cggggggggg	tggaggggtg	canttgannc	caaactnacg	cccactgcan	ttcccgnctt	720
ggggtggaca	caagnagac	ccccatttta	taaaaaaana	atnaanaacct	cctttggnaa	780
cnngggggna	aantctnttc	tttttnanga	anttttctng	ntnggacttt	gggggttcctc	840
tatgactttc	atntc					855

<210> 4837
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (932)
 <223> n = A,T,C or G

<400> 4837

nnnnnnngann	nnanagannn	nnnnnnnngan	nanntcctnt	tnnnntagga	nttgnaaatn	60
cctcgttcta	aatncttggt	aaacncctng	ctnnanggtg	cgngccactn	tgtccggnnc	120
gagggtgggc	ncacacncta	atntcnctgg	gtccatggta	ntnccnatta	ngcatgctgt	180
gttnntgcan	atgatgtant	acganatcca	cggtgttngg	ttaatgattt	attcactcat	240
tagtcattcc	acaaactagt	ctngagcacc	ngttatgnac	ccanactgtg	gctggaatgc	300
tgaggagaca	ggagtgaagt	aaaaagacat	ggntccngca	ggaaacaggc	aaggagagcc	360
ttgacttgac	ggantctggc	aatancgcca	ggctggaatg	caatggcgcg	atctctcttc	420
actggancct	acgncctncg	ggntnaagca	antctactgc	ctcagnanct	ggagtancctn	480
ggnactacag	gcnngecgta	ccacncgcnn	atgagaaaac	ttnnngccac	agagaggtga	540
aataagtga	atgcttncta	acctaattgcg	anaaccncgt	gaaaagattt	ttggcaacct	600
gaaaaatccc	atnctnnnnt	gaggattnta	tngncaaccn	gnaatcaant	cttaggnaan	660
atgaatgccn	nttcgggant	aaattcnatt	tttnntnate	tcccannaag	gaaggaaaac	720
ntnnnaagcc	tctangaatn	atnnngnctt	nctaaccng	ngtantcaaa	actnttnncn	780
aatctattgg	naaacccgat	ctagannttt	ttnaatnacc	ntnaaaatct	nnaaaagaaa	840
gmncaatnag	tatntttattc	actcgaaaag	tctccaaanc	ncnntaaaag	aactcnantg	900
gaccaaacta	cncnttgng	gaannttaan	cc			932

<210> 4838
 <211> 1358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1358)
 <223> n = A,T,C or G

<400> 4838

ttgnnggaac	cccnnttttt	ttntttaaaa	aaaanccccc	cantttcccn	aangggccct	60
taacctccng	gtntttgtan	tnntttttta	ctgatnngaa	angagcanaa	cncncagatn	120
gntnantgta	aanttttcta	tcnccnccn	aangtanctt	nctttgtatc	caaccnnggt	180
ntagtcgtct	cnnncntaga	ncttaantat	ataannnata	aacacctacc	gtgntatann	240
tntgtacann	tannnnncgc	gcgnngngca	ncnnangtca	tatanacctn	gcgccanatn	300
cttctacana	ctacanccnt	atnanggnnt	nnataaagtt	cttaataacg	catcatnntg	360
ttcaacaact	ggggtagcta	tantgaacan	tctnancacn	naannatngn	ttcncaaaaag	420
ganaancatc	tcnntatang	antaccctnn	ntttgnncaa	tnatatnaaa	tncnntganc	480
nancncncgt	ntgnntnnaa	gnnttgaatc	tngncaatat	gttggnnnnn	gcntnntnnn	540
tttnanattn	anaaaccttg	ncntnatnat	ncatgtggta	tgtnaanacg	tncnttaaaa	600
taggnnnaag	acgnnccnat	tgcennacnt	tatanaatnt	cntnnnncca	tnntgctcga	660
ttntgattac	aaatattgnt	gengannngn	anaatnacct	cnatcttgat	nccttnnaat	720
annnannnaa	anaattnnnt	nctttctnnn	tcacacnaca	ttccnacgta	ccntnatnat	780
ctttgtnnna	cgtcattgta	cnaacaactt	aatgtagctt	tgnnanacnn	aacaatntcc	840
tctctttggn	nnnanggnat	gcacncattt	ccnnttgnta	ntaacctann	tcngnnaata	900
ttgtaatagn	cncttaacgc	ntcnaantct	cgggtaaten	nancaaaggt	ttgtcacnaa	960
ttctnnnccg	ttncnangcn	taactntntn	cntaanacat	ngattgntta	actcgaangn	1020
atatgancgc	gancgcatgn	ncncanancg	tcacttcttg	ggatacccnc	gctctacttt	1080
anactcttta	angncanang	gttacganac	tgactngna	ctgtangett	ngtttactct	1140
nccnccgna	anactcntcn	atangatgnt	tangcnccna	cgcannnnntn	ncgnantcta	1200
tncgagcana	ntnaacnnnc	tccanatnaa	naaaatngtn	nntgtngnac	anataannga	1260
cntatccttc	tgtatattct	cgacgcgaan	anatggtacg	tgagnnttt	acntaangta	1320

ncanatntgn ggtnacact nnnntatncg agcctccg

1358

<210> 4839
 <211> 716
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (716)
 <223> n = A,T,C or G

<400> 4839
 gnnnttttnan atcagctact tgttcttttt gcaggatccc atcgattcgc tgaaatgtca 60
 aacacggcca cctaggcagc atttacaanc aagagtccac tgcttnnttg atgtatatct 120
 taagcgcccc cagtgaatga acagcatata actccacata aaaatcatta aatgtnattg 180
 acttccagag caggcagttc tgtgtgtatg cctctggaga aggctggctg aattgnaatt 240
 ggtctgtacc tncctgcctat catgtacatg angtnnttgg gcaaagagaa ctttccanaa 300
 nataagtcca naaattatag atcatcanac naccaatgac atattgntga gatatctnca 360
 agatctagaa tngncctggg tgtcaaggaa gtctntgggg tttttacaaa tattgataat 420
 gcnccttttta taaaatgcac tttttataaa aatgcatgct cacttgagac aacttgaaaa 480
 acacactaga aaaggccggg cgtagtggct cacgcntgta atcccagcac tctgggaggc 540
 cgngacggnt ggatcacgat gcangagatt gagaccatcc tggctnacat ggtgaaaccc 600
 cgtntctact aaaaatncac naaaattagc anggtgttgg tgacgnggcg cctatagtcc 660
 catctactna agaagcttga tgcangaaaa atggtgtgaa cccaggaaac gagctt 716

<210> 4840
 <211> 758
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (758)
 <223> n = A,T,C or G

<400> 4840
 angcagctct tgttctnctt tcaggaccct atcgattcga attcggcacg agccaagctg 60
 taccagagtg cangaggcat gccaggagga atgcctgggg gatttcctgg tggaggagct 120
 cctccctctg gtgngcttc ctcaggggccc accattgaag aggttgatta anccaaccaa 180
 gtgtngatgt ancattgntc cacacattta aaacatttga aggacctaaa ttcgtagcaa 240
 attctgnggc agttntaaaa agttaagctg ctatagtaag ttactgggca ttctcaatac 300
 tngaatatgg aacatatgca caggggaagg aaataacatt gcactttata aacactgtat 360
 tgtaagtggg aaatgcaatg tcttaaatna aactattttaa aattggcacc ataaaaaaaa 420
 ataaaagaaa actcnngcct ctagaactat agtgagtcgt attacgtaga tccanacatg 480
 ataagataca ttgatgagtt tggacaaaacc acanctagaa tgcnnngaaa aaaatgcttt 540
 atttgtgaaa tttgagatgc tattgcttta tttgtgccat tatgagctgc aataaacaag 600
 tnaacaacac aggttgcatc catttnatgt ttcaagggttc aaggggnagg tgtggggagg 660
 ctacttaatt tcattgacgc ngggnccttg cnttnngggc nnnngaccca gntttttgtn 720
 cctttnngngg aggggttaant ncnaacttng gggttaann 758

<210> 4841
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 4841
 agnnnantnc tatgatccct tgnnncagga tccatcgatt cgaattcggc acgagtgcct 60
 ttgntcccca actctaggga gctagtttca tacatttaan ancncgtgctt acctcanagc 120
 tcccttttnag cancngcaga cttnnanatc tgtttaacca gtccctata ttaaattctc 180
 tctggnnaaa tacatggngg ggctttgatt anctgctgaa ccctnagnga tncataccnn 240
 atnatgctnc nnaannnatg cnatanncnt acaannatnt gtantnnagg atncctatnn 300
 cnanactgct ngtnntanca ncatcancat gacannnacc tttaaangtn ttcnatntan 360
 ctanaattat ctaaaatgtt aaangncnta aaacannnna ntaagcaaaa gatganntca 420
 agtgtatgtn catttagtag tgacttgtag gatttgacgt gttcatgaca gctggctatt 480
 tgtattgtct gaatgatagt gtatttgngt actttgcccc ttgcctattg gggcattnta 540
 aaatngatcc ttaggtaatg ttaattaaga acattgacct ngggcanggc gcggtngctc 600
 acncctgtag nncnaacacn ttncgagggc gangcagnaa attcnanana angagtttga 660
 tacatctggg caacatngcg aaacctgnct ntctanaatn tananttagc cggcanggng 720
 gagctgcnga ntccagtag 739

<210> 4842
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4842
 ttatnnntac cgctttgcna ctncncgcag gatccctcga ttcgaattcg gcacgagggg 60
 gattcagatg atggcgaga tggtcgaggt tntgagaacg ganaaatnaa ggcnccttcgg 120
 acagctnctc tggcaatgta tctgaagggg aaagccctnc tgacagccat ggaggactct 180
 ttccagggaa gacagnnatc aaangacaaa gctgccactc cangaaaaga tgggtcccaa 240
 cgttctgtac tgtccaagtc agttcctggg tacaagccaa aggtcattcc aaatgctata 300
 tgtggaattt gnetgaatgg tnaggagtc aacatgaaag gaaaggctgn atcactnata 360
 cactgctccc aatgtgagaa tantggccat ccttcttgcc tggatatgac aatggagctn 420
 gnttctatga ttaagaccta cccatggcan ngcatggaat gtaaaacatg catnatatgt 480
 ggacaacccc accatgaana agaaatgatg ttctgngata tgtgngacag angttatcat 540
 actttttgag tgggccttgg tgctattcca tnacgtcgct gnatttgtga ctggtgtcaa 600
 cngncccncc caacaccag taaantgtgg caaaaagggg aaaaatnagc aaagagggat 660
 naaancgttt ttgactctaa tctgtatatg catttaagtg gaatatttgg tgccattttc 720
 aacattantt tcatgcccat aaaagaatnt 750

<210> 4843
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 4843

```

tnnctttgat tcaattcata gcnactgggt ctttttgcag gatcccatcg attcgcccag      60
ggccgcctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga      120
gctagtgggg cctgctcaca cattccagta gtttcctctt tatttgctct gaaccaagtt      180
gtagaattta aaggaggtga agtaaggcga tttctatgga aaatatattt ttcttcttta      240
ctcctcatgc tgagtgcata agaatttatt atttcccctg aatgttcaaa gtggtgtgtg      300
tgtgtgtgta aaagaaccag gagcaaaca tcttaatagg aatgtgcatg cttgtgttta      360
tcttttagcac acttaattag ctacaaccog ggactgttgc catttgaaca agttgttaag      420
aaaatctgcc atgttttgct ctttttcaaa aggaatgact ttaataacca tagcaacact      480
tactcagttt tgtgatccac tccaagatta tgggagcaag aacagatnct cctgaaagca      540
acctcacctt tcttccccgc ccctgccttc agcaagtcct ggctgtgtg aactgaaggg      600
tttggaagct ctggtttcta ngagtgcoca naactagaaa gactagggtg tctaattatt      660
tgagggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcaactgca      720
ttgctttttt                                     730

```

<210> 4844

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (818)

<223> n = A,T,C or G

<400> 4844

```

tntcctncgc gngncgnatt ccnctaagga gaggcncgga tccctcgatt cgaattcggc      60
acgagtctcg atctcccagc ctcgtttccg cntgcctcgg cctcccnnnn ngcngnnatt      120
acaggcgnga gccaccgagc tngncctgga tcaaattctta atccatgcgc atgggnacac      180
aagantactg ggttgaannn attctagntt tgtnatttaa atacntgnng atgaatctat      240
tttagcacan ggtataaata actcgggagg tcatctctat cttctctcct tnantgcatt      300
tgggtatacc acgtttaagn nctaaaacag ctngncntat gttggccagg ggaaaacatg      360
gcatnctgtg cgcaaagntn aatgatecgn gncnncnctt ggcccctccc tgggtttatg      420
gncancgtaa gangcccga tgttaaagct taaaccgtca nttgggctng gtgtaaatcc      480
ccnattnaat tcntggnggg ncaannctct tgaccccgna aacaatggaa agggccanct      540
ggggcctcna anntgtngga gcccnnntta acaaacnntt antngnaaac ctttggaatt      600
ccaaccttna aaggggagggg naccatggaa gatanttgag tggcccgnntn ggaattgnan      660
ccccttnaan gcaattagtt tcncnnaatt ttcttggttn anaaaanatg cncnnaanac      720
cngggggggc caannctggg ctaaagccgg nggggctcnc anaaccnggg tttttaactn      780
tngatacant angngaaan aangggcccc tttttaan                                     818

```

<210> 4845

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 4845

```

agcttcattn nactatcagn tgcgctgctn tangtgcnng atccnttcga atccngcneg      60
aggcgngang gcangganng cagngcnan gncnnttaa gcnnntttct gtcttatcac      120
ncagngaatn aanntgaact ggatcngaac natcccatat tanccgatcc tttnctcnaa      180
tgaaagaaaa nacntannna gaacanatan gctnaaactg atacagnaag tngccgtcag      240
cctctagaac tatagtgagn ngaatgncnt acanccanac ntgatnanan acattgatga      300

```

gtttngncaa	accacatctn	gantgcantg	aaaaaaatgc	nctattcgng	aaancantga	360
tgctattgct	ttanttngga	accattataa	gctggnataa	acaagctaac	aacaacnatt	420
gcattcatnn	natgctncag	gancacgnng	aggtgnagga	ggnagtgtaa	ttcgnggccn	480
cggagccaat	gcattgggcc	cagacccacn	tntgaccctn	tagtgagggt	taatggcgcn	540
cttngcgtaa	tcattgggtcat	agctgcttcc	ngcgtnnant	tgatanccgg	tgcaatntca	600
ncacatacga	cggggacata	aagtgaagc	ctggagnanc	ctaangaagt	gaccaactca	660
cattnatngc	ctgngntaac	tgccccnttc	cagtngggaa	accnnnncgc	canatgctta	720
angaatcngn	cacccgccgg	ganaggcg				748

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 4846

gnnttnaaan	nttgcttggn	nnnnncnctt	tccgcaggat	ccnanncgat	togaattcgg	60
cacgaggtn	agctcnccta	netggnatnt	gggnngtnng	aaacatncnc	tntcctgata	120
ccantgtgcn	ngaatcanga	nacatangcc	attacacngc	gtctatgcaa	gcttgccat	180
aacntcangt	actgcagctc	acacaccctn	tgcnaggcng	aatnantngn	tctgcctccg	240
gatacnaana	atntcggtc	ngcctcagng	ctaatgatcn	tnatgtngtg	tnctnnagta	300
nntgctgtat	ctgngtggtta	tntntgccaa	actctagnta	ntgatcttat	gatcccttnt	360
ngaantaana	tggggttctt	gantgnctga	gaacgacttg	cacaatngnt	tnattgtggc	420
acgtcatctn	ncaatganta	nnnagnctat	tnnccanggn	anactcngnt	cntacntggc	480
nctaagcact	ntnttgncga	tnngcancnc	tctgtgaaat	ggaattacng	ntattcatgg	540
ntaattacnn	atnttgccc	netttctgtt	tnacaaatga	aggcttaaan	ctaantgtcc	600
aaantgnata	atgntccctt	aattanaagn	ctacttcatt	caagtganaa	nngnccgtaa	660
tnaanncnta	ctctncnact	gcataatatn	nnccnaggga	ctnn		704

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4847

agntntttcn	atttctnatn	ttgttctttc	tgcaggatcc	catcgattcg	aattcggcac	60
gagagcagct	taagcagcag	acgcaaaatc	gaatgaagct	aatggccgac	aactacgagg	120
atgaccactt	caaatectcc	cattccaatc	aaacaaatca	caagccctcc	ccagaccaga	180
tcattccagcc	cctcttagaa	cttgacccaaa	atagaagtaa	attaaagttg	tacattggac	240
acctgacaac	cctctgccat	gaccgagacc	ccctgatcct	ccgtggactc	actccaccag	300
cttcctataa	cttgagcagat	gaccaggcgg	cttgggagaa	tgagctgcag	aagatgaccc	360
gggggagcagct	tcaggatgag	ttagagaaaag	gtgaacggga	caatgcagaa	ctgcaggagt	420
ttgccaacgc	cattcttcag	cagatagcag	accattgtcc	cgacatccta	gagcaagtgg	480
tcaacgccct	ggaagagtcc	tcttgaccct	gctttatggg	gaagcctgag	gtagtcaacc	540
caggagccaa	gaaaagagaa	ctacgaggaa	caggtgcccg	gaaccttctt	ggcaccaaac	600
actacaaact	tcattcccaac	ttgtctcactt	gaagaagtgt	gattncagca	ccggtttcta	660
catctgccat	cttactctgc	ctttctgtctt	tggatgtggn	ctctacacta	acctntttga	720

tgtccanggt agatnaangg tcgaatcttt ntgnaaaa

758

<210> 4848
 <211> 1030
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

<400> 4848
 gcgtcncact ttgaancntc naannngnggg caatcnaatc gcncnangnn nctaggtann 60
 cgaattcggc acnagagcag gcgcttggn cctaagggtg atggttagagt agtgattatg 120
 gtcagcgtgg gtgctatncn ngtgttncag nttttcanct ggnggaatag ctacaataag 180
 gnaatcagct acctagccac agngcccaag tnccgtntcc aagctacnga gattgccaag 240
 cancanggac tgntcaaaaa agccaaataa aaaggcnaaa acaaaaagtc caangangat 300
 atccgngacn aggangagaa catcntaaaag aacattataa aaagcaanat antatttana 360
 ggggtgntan tcagnaaacnc caaatantgn gnatcntcct ctgtatnana tcaatcctag 420
 ctccntntnn cctatnctca tatccnannc tggcatangt cnggagagat ctacnntttc 480
 aacatcaanc ggntnnnnat tatggnanag nantnacaga tcantccatt ctacnntaaa 540
 tctatnacn ngtnnactnc tctattnnaa tnnnactatg aanatnctct naactaaanc 600
 ntttctttta nncnaaaanc ctcntgnnct ncatggnnnn aattntttac ngtccttncc 660
 aaaccnncna nacacncacn gancntaatc ttcacaanta nnaacantct gngctnanct 720
 cgaacncccc tnaattggct naccannatc ntccactggg atcatncggt antggantta 780
 aanngcaact cggntctctg nggncnctctg nattncnaann atcnnnnntgc gnnntatttnt 840
 cttgcacaca atatannctc ncgnaatttn ncntannctt nnnnctctca aatactctct 900
 ctanacatag agcaattann tntctgatna tactntngac cncgtcantc acnacgngca 960
 caanannata tcattgtaca ttcattntatc tgtngacttt acnacagtcc cngccaatnt 1020
 aacaaacnnt 1030

<210> 4849
 <211> 761
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4849
 cnttncctna ncagggtatgg ccattncent ttntgcagga tcccatcgat tcgctgtgcc 60
 gagagagccc cgctcacggg gcacagctgc tacttttttag gccntgctgc acttcgggac 120
 ccaactgctt aactggcact cccccacgta cgagtatgcg ttgagacatt tgtacgtgct 180
 ggtcaacctt tgtgagaagc cgtatccact tcacaggata aaattgtcca tggaccacgt 240
 gtgccttggt cactactgaa gagctgcctc ctggaagctt ttccaagtgt gagcgcccca 300
 ccgactgtgt gctgatcaga gactggagag gtggagtgag aagtctccgc tgctcggggc 360
 ctcttgggga gccccgctc cagggctcgc tccaggacct tcttcacaag atgacttgct 420
 cgctgttacc tgcttcccca gtcttttctg aaaaactaca aattaggggtg ggaaaagctc 480
 tgtattgaga agggtcatat ttgctttcta ggangtttgt nggttttgcct gcagttttga 540
 ggagcaggaa gctcatgggg gcttntgtac cccctttaaa aggagtcnnt attctganaa 600
 ntngaancctg aaacctttnt aaatcttcan aaangatttt attngaanaa ggnccnnanc 660
 nccnaaangg aaaacnnnnn tnnaaaannt natnantttt tgaaagnnnt ngnttttnaa 720
 actannnnng nnnncnnaa ccaancnnnn nnnnaanacc n 761

<210> 4850
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4850

ttnacatcaa	gctcttgntn	ctanccctt	cctcgattcg	aattcggcac	gaggagagag	60
agagagagag	agagagagag	agagagagag	agagagagag	attnagagag	agagagagag	120
agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	agagagagag	180
agagagagag	agagagagag	agagagagag	agagagagag	agctnaagg	aaggctgccg	240
ggaaggcaaa	tggaacagga	atggacctgt	ctcangaagg	ccagctgcan	gtcctccaca	300
aaatcaaaga	aggggaagaa	ctctgagttt	gaggtacagg	ggcttcnggg	tgcacacgtc	360
cctccagggc	ccatggtcag	tattgcacct	gtgttatgaa	cccccatatc	tgtgcagggc	420
aggggcgggg	gctgctgttt	tattggggag	gggagcctcc	taaaaatggg	gtccaggcag	480
accctccag	acctcacact	gncgaggagg	cctttcccaa	aggggcgttc	tccccgggat	540
gcanaccgna	tgttttgtgg	gaaaccnccc	tttaaatacc	ccacaccgac	gtattccttg	600
ttcccgactt	tttcccggtt	tntttgtttt	gaaaaatacc	tgtnnngttc	angcctcntt	660
ggatcttaaa	atgggcaana	atagggaacc	tttttttttg	tcaccaaaaa	aaatacctgg	720
ggggggaaaa	attgtttgtg	aaaaaaataa	gacntttttg	ggaccaccac	caacnttttt	780
tggggggcct	tccaccttga	ancctttccaa	ntttttttta	aacctatggg	anttttattn	840
aacnnttaaa	tgggttttct	tgg				863

<210> 4851
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4851

cgcgggcgna	agcgagcnc	ttcccaacnn	ccttggatcc	natcgncccg	aattcggcac	60
gagtatgggc	ttgnagaaat	gctaccgttt	ttttnccegt	tnanacntgg	atcccgaac	120
tgnactaacg	tnnagtatca	ggcnnaatgn	cnggaaagg	nnggcttatg	naggcaacta	180
cagatagtgt	taagggatca	tacagaagat	attgatgata	gnngaaatat	tcttagaagg	240
ggtgtgtatg	tctagctgng	tctaccatgt	gtatgtattc	ttgacaagca	gtataaaata	300
cctgtgantt	ttctttacat	tagggataat	gcataaggaa	ttaatcttca	tatatattat	360
catcccta	gtagcagggg	gaagtattta	attgcccatt	atatgtattt	tacttatact	420
atgccagaga	ggaaacnata	aagnaattac	acatgtaatc	ntgggttntt	cacatatgta	480
ggtatncatt	tngagtaggt	tgaagaaaga	aaaaaaatat	ttaaatgaan	tgaattcctg	540
atgggatagt	ancaataagt	atttaaaagc	cngtattcna	aaaataataa	agggtacggg	600
catttttgag	cttgnnttcc	ntttgctacn	ggaaatantc	caaannaaag	ngntancant	660
ggcaccngct	ggntcacaag	cacntattgg	naaccgcact	gganaggatg	aacaaggggt	720
nagncaatag	caaacccta	taacattccn	ggccaaanac	c		761

<210> 4852
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4852

ttgaaccttt	ntacancctct	tgtttttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaccaagta	gaccagaaac	tgaccattct	cagtcctact	tcagaaaaca	acaagaagct	120
tttcaatgat	ctgttttaaa	ataatgcaaa	ccgtgctgaa	aatacagaga	gaaagcaaaa	180
tcagaattat	tttatggagg	tgatgactgt	agaaggagtc	tatgattacc	tgatgtatgt	240
aggacgggta	gttttccagg	ttcctgactg	gcttcatcat	ctcttaatgg	gaactcgaat	300
cctcttttaa	aacaccctgg	aaatgtatac	tgattactat	cttcagtgtg	aactagaaca	360
gctatttcag	gagcaccgtt	tggtctcact	cataacactt	ctcagagatg	ctatatcttg	420
tgaaaacact	gaacctcgct	ctctccaaga	taagcaaaaa	ggagcaaaac	agacttttga	480
agaaatgatg	aattacattc	cagatctgtt	agtcaagtgt	attggtgaag	aaaccaagta	540
tgaaagcatc	agacttctgt	ttgatggctt	acagcaacca	gtactcaaca	agcagctgac	600
ttatgtttta	ttggacattg	tgatacagga	actgttttnc	gagctcaata	aggtcaaaaa	660
ggaagttacc	tctgtgacat	cttgggatgt	aaacactttg	ggatttggta	tagaataacc	720
cattgaaatt	tctgctgtgc	cgaagggtgt	agaaatttac	ttttttgggt	atatcttat	779

<210> 4853
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4853

tttccagttt	tanttttttc	ancttttnga	tcnntttgca	ggatccntct	tttcgaattc	60
ggcacgagat	tctccctaaa	ttgtngatcc	cactgtttac	naaactgttc	tnttgtgctg	120
gcntgctnan	tgctntgtag	nncctttctg	nacnntaggc	attgctcttg	gagaacnnga	180
tgtgctttnt	ntnaaanggc	anaccagngn	tgnnctgnnt	ttaatgatgc	agancctnac	240
tttatccaca	cctggcccgt	ttnacatttn	agtaangnac	gatatttggc	tgatggctga	300
acantttctg	aaatacacnt	ttagtgtatg	gaantacaag	accnntaaag	gnctgccagg	360
ttancatctc	atctngcatt	cnnntccttt	ggcnanaaa	gganatntca	gaattatatt	420
tcttgatggg	gtcttttcaa	tcantgtatc	tgctgaaann	tcttaganaa	anctatgtgn	480
tcnccggtgt	gtctaaaaan	atnctttcaa	anatgacccc	tggaattncc	tgananangc	540
ttaaactgta	gaagacnggt	nggcataaaca	ccctncnaag	gttnttggna	angcccnant	600
ntgttttgtc	tggcccatat	aancttngcn	ccattnaagc	cncggnggag	ctttgnatnt	660
atattnngng	ngttactttc	tttgnncctt	tgcggggaac	ancttnnata	atgcttntcn	720
ncccnanntg	gacntttgct	ttttgnnncc	nnaccccccc	aaagggngcn	cacctccant	780
gaaaaagtct	tttttnaaaa	gggtcccttn	ctnaaaaaaa	nnnnt		825

<210> 4854
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 4854

gaaaggaagc	acgcaaagca	actcccagca	gcattcccagc	naaangceca	gaggaaggna	60
cnngcagna	cnaccncnc	gngeaccgcn	ttnttttccc	cagtaggnn	ngacacgcca	120
acnnnnnggg	ncncngnga	caagaggcng	ancccaaaac	nngacagggc	aaggaccnnc	180
cagacncggg	gangngacc	agagcgcggc	cnagcgagaa	acagccngcn	accgnnaggc	240
canaaananc	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccnaagagg	aaaaagaccc	ccaagggnna	aacacaagcn	nagggcangn	360
ncacggggga	ccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaaggncaaa	cgcgaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naangggctc	540
gnaccggggc	ccantngcca	aagnnggncn	ccncaaaccg	acccgggggg	ncnaaacccc	600
cccggggggc	anccacncan	gggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccggggggc	acccaaaaan	ccnnggagcc	cngngnccca	naganacngg	aaacccgggg	720
gacgnccccc	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnaccnang	ncaanggggg	naaagacaaa	anagaccccn	nnganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacncncagg	ggnccccccc	nggggaccnc	900
ggggngngcc	nanaaccnc	aaaaaacggg	ggaaaacncc	ccccccana	aaaggcccac	960
nggacnnana	anccccccnc	ccngggagg	nncccnaccn	cccnngnncc	cnangaaaaa	1020
cnanannggg	gnaaaaaacc	cnngggngnc	caaaaaaagg	gggaaacccn	ccgagggggg	1080
ngannccgc						1090

<210> 4855

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 4855

gctaanngcn	ggctactngt	tctttttgca	ggatcccatc	gattcgaatt	cggcacgagg	60
gntggggnn	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctanngnntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atncttctgg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanagncc	tatgtggccn	antgcngtgt	aatantggcc	ttaagnatcc	tnttcanaca	300
nnagctgnnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttgnaa	canngactgn	360
cngcccanaa	taanggctgg	gatgttgaac	tctggantct	ncgaacattg	ngtgaganan	420
attgncngan	gctgtantct	nttttaatat	gatnggncca	atgnnctgta	taaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	natcctcagt	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtntc	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nncttatctn	tcactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggncataant	tttnaattaa	aatggctnat	720
tntgtgttga	taaaaaaaac	tcgagcatat	ttnnaccctc	tngaactata	nttgagtcn	779

<210> 4856

<211> 1776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1776)

<223> n = A,T,C or G

<400> 4856

ggnggaggggn	nnggnttttn	naggnngnt	ttannngtgg	ggaaaaaacc	ccttttttnt	60
taaaaannnn	actttggggn	gaaangnngc	tgnanatan	cggcctnnng	ngananagng	120
agtcgngngg	ganagnnggn	tgnnnnnnng	agnatatag	gntanganta	gtananggat	180
anannagca	gngaacngta	gttttttttn	agnagagan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caanggggtg	nnaaggcgag	anncnaactc	gnannanaan	300
tgaaannnnn	anacngtggn	ananantgag	cgngatnna	tnnntgcaan	ncataagaan	360
tnгнаatgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagnga	ncgnancnna	420
cnnnagngna	gaagnagt	nangaccnnn	aanggantnc	ngagaggnnn	nanaaggatg	480
nnnannnnnn	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgncna	540
nngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaagnn	600
nnannacgta	tangagntgt	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnnngancna	nncgaangaa	aatatcacgc	tganngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn	840
ntacganagt	gannananga	anantgantn	aggataacga	nnagnnnngnt	ntatnnnggn	900
tanaggngag	agntanantg	ctgcncncna	nannanngaa	tnccagcgcn	gncgancang	960
nnanaatngg	gnannagan	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagnngana	tgagtgtctt	gncnntagcg	aganantacn	ngaatntnt	1080
anagagtgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cggagtgtag	agncgattag	1200
agagnaaacn	nngncacggt	gtatnanaga	tnagacang	angagaactg	cnnacaagna	1260
nnannnaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnnca	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaag	ctacgttctn	nncnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtngg	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgnnganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtntatac	1740
gatntannna	ggnagatcaa	gaatatacnn	tctcct			1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4857

gttaattctct	agcnaggctc	ttgntntttc	tgcaggatcc	catcgattcg	aattcggcnc	60
gaggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaactctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	taaagaaaac	cttatcaggc	taatagtga	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgttaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaatec	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgctaa	tanagcantc	acacaaaagga	ataaggga	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858
 <211> 1197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1197)
 <223> n = A,T,C or G

<400> 4858

aggggttttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cncctttaa	60
naanttaagg	cccncctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacct	aantntatta	cncatagata	ctcaattncc	ntctctagna	180
natnnnngga	tctttntcgg	ctntnnance	ncctactata	ttactnctna	aacgtnccnn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatttt	tnctccnntt	cctnctntcn	cnntnttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatacteta	tctattantt	aactatctnc	tnnttcennnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tcnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnntcnct	ntnattanna	600
nattnttaca	ntctntccct	ncanctnnnn	nattntatan	tctntttnc	nttccantnt	660
anaatnttnt	ntancnntc	nntaattcaa	nattnatntc	atctcnntnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaantttna	tcncatacna	cncnnnctn	tanccnnata	780
tnactncnnc	anttcnntnt	natctctnnt	tnacacactc	cnngantat	actnntnaca	840
cttcttatat	nnntacntg	tnatacactc	tnnacntana	tatnnatcan	actnatanaa	900
agcactactat	catcttacct	ncntnntat	accatncacc	aatcacttan	tnatntcatc	960
tcannacanc	tcacatatn	actcatcnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncancnta	tatntatcna	ttcatctaca	1080
nantnctcn	catctnttgn	ncatatacnat	aattgtntct	catatntntt	tctctctacan	1140
nctttatctc	gatnnttatc	ntgtancnnc	nnntatctta	natatnacat	atcacat	1197

<210> 4859
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (767)
 <223> n = A,T,C or G

<400> 4859

gaaanccccct	ttgttactnn	gtncctttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggc	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaannaa	aaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttattt	gtgaaatttg	tgatgctatt	gctttatattg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gagggttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccggaccca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggg	tctgtgtga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccgggggn		767

<210> 4860
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4860

ngnnttttaag	atcannccaa	gcgcttggtg	caggatccct	cgattcgaat	tcggcacgag	60
gaccacctac	ggaaaactga	ggccccacata	agctcgattg	gttgtagctc	caacagatat	120
ttattaagca	cctactaaat	actgagccca	ttgcaagcac	caggggaagcc	tctgtgaaca	180
gcacaaggctc	cctgctctgg	agattctgct	tcagtgggtg	agacagaaaa	taaacagttt	240
cccgtcacca	attttccttg	gaattggaca	gatggcagcc	accataatga	tactatatgt	300
gtccaagcta	aacaaaatca	ttcacttccc	tgattttgat	aagaaaattc	ctgtaaagct	360
gtttcctctg	cctctcctct	acgttggaaa	ccacataagt	ggattatcaa	gcacaagtaa	420
attaagccta	cggatgttca	ccgtgctcag	gaaattcacc	attccactta	ccttacttct	480
ggaaaccatc	atacttggga	agcagtattc	actcaacatc	atcctcagtg	tctttgccat	540
tattctcggg	gctttcatag	cagctgggtc	tgaccttgct	tttaacttag	aaggctatat	600
ttttgnattc	ctgaatgata	tcttcacagc	ancaaattga	gtttatacca	aacagaaaat	660
ggacccaaag	gagctagggg	aaatccggag	tctttctaca	atgcctgntt	tntgaattat	720
ccaacttctt	attattagt	gcttcactgg	anaacctgnc	t		761

<210> 4861
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(984)
 <223> n = A,T,C or G

<400> 4861

tgngnttttt	taaaaaccag	ctacttntta	tnaaggcagg	cnaccgattc	nnattgcggg	60
angancatng	attcgngecc	ctgcatgatg	gtggcngaac	tnnntgcccc	aagtggggcc	120
tggganccca	acaaccccaa	cangccgnen	cggtnaacn	acaatatcaa	cccgcaaacc	180
ccagggaagc	cggccatgta	caacacagac	cagatctctc	cctatgctgc	cccctnccca	240
caagggtttc	tnccanccca	tgcccagccc	ccanagctac	caccaagtgg	tgccaanccc	300
agcangctac	catnaatacc	cantccccat	ncaggteccac	cntacaccgt	ntaccatggt	360
ctatcaggct	atccccancc	cgagcncctg	ttggctacag	gtctatgaca	acctgggnagc	420
tccctntccc	atgggnnggt	anaaaanccca	acaaaactgc	tcaaggcttn	aagggtattn	480
tgaagcgnga	aaantttcgg	gcagaacttg	gggttnaccc	nacctgggnc	antttntaag	540
ggtngaaaan	ggttgcccgg	gggaanaacc	ctttactcct	tgggaattaa	cnaacnaagg	600
gttgggggtg	ggggaacaaa	cnaacaaagg	gggnngggtta	antccccccc	cngtnnggtt	660
nnacnngggg	tcccccttgg	ggggggcccc	caaaagggtt	ngggngangng	ggttngggagc	720
caaggnaaat	tnctctnttt	ncctttnggg	gtancccccc	ctttaaaact	tngggaagaa	780
aaagaaactt	tnnttcccna	aaattgggtg	naanagnccc	ccaaaagnng	ggcaaaaagc	840
ttggggatgt	gngggaaacc	ntaaaggggg	aaagggggag	actttttnaa	ancccaaaagg	900
ganggncttt	taacttgatt	taaacggggg	aaannaangg	agggnttnct	tggggaaagg	960
anaaantttt	tgccaaaana	ccnc				984

<210> 4862
 <211> 772

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4862

ggnnngggttt	anancagctc	tngatctcng	tgcacgancc	ctcgtttgna	tgatcnnatc	60
gattcgctca	ngtcggntgc	catttatggn	atnactttat	tttatttnat	tgcattatna	120
tatnatnttg	agacagagtc	tcactctggn	acccangctg	gantgcagtg	gccggatctc	180
ggctcactac	aagctctgcc	tcttgggttc	acgccattct	actgnctcaa	cctncngagt	240
anctgggact	ncaggcgcc	gccactgggc	ccggctaagt	tntngtattn	ttagtagana	300
cagggtttca	ccatatnanc	caggatggnc	tcgntctnnt	gaccttggtta	tctgcccagc	360
tngacctncc	aaagtgctgg	gattacaggg	gtgagtnacc	atgcccagnc	tcaagtaggt	420
tttgaatgaa	tttctcatac	ttttaaagta	caacattatn	gcaataacag	gactattnca	480
cttcttttct	aatttgata	atggatagat	natcctaagt	gtnatangat	ggctcaacct	540
ccgtacaatg	gtgaatcccg	nntcagtnga	aatctcggcc	nggtgtcaac	cttgaacana	600
agcccctagt	natnaccatt	tngtgnatta	gcctttgggtg	ttnagttttt	caccttggnt	660
taactgnnng	ccttaaacct	cnttnagctc	aagtggaccc	tccnacctt	taaccggccc	720
cgnattaagt	tgggggancc	atttgggcct	ttgcngcna	cccngggccc	cc	772

<210> 4863
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 4863

nnnnnanngg	nttttatnct	cngtnnncnn	tttnnaan	ggnangcnac	tggtncgaat	60
gcaggaccca	cnatttnaat	tcggcacgag	anggccttan	gctttttttt	tgtaggggtga	120
gagtggggga	gagatctctt	gctctgttgc	ccaggctggt	ctccagctcc	tggcctccgg	180
cagtcctccc	acctcagcct	cccagagtag	taggattatg	ggcatgagcc	accacaccta	240
gccaggcttt	ttatattgag	ttggttatat	atgcttcata	gccacacttt	ataatattgg	300
agtatagtat	taaattacag	cttgttgtca	agtcagngtt	tctgtaagac	agtatatnca	360
atattggnta	gagtaacacc	tatttgggtga	tacaagatca	acagggtgtc	tctgattaat	420
ttagctccta	catagcccag	aagcnagtgc	attatgattt	agaatattgt	acatgggttat	480
gcaaggaatn	atnccaacct	atntgtgttt	atanggtcag	atgatgttca	gatttatatc	540
tgctgatagn	gntntnttgc	ngggaaaacc	tataaaaccc	cttcngactt	gttanaaaaca	600
gtgagnaaag	ccnngattgg	aaatatttaa	ttacaaccct	cgtgggnatta	aaatttttnan	660
tttaccattg	ggaatgggtta	aaatgctngn	ncatttttgn	anntttgtta	aaanccttgn	720
ntccttttaa	aacnttttga	aataaccctt	gntctanggg	gaaaaaangt	atttnnaggc	780
ccnaaaanaa	atannanang	gggaaggngg	ggggattttt	ccaagtncct	ccntatgttt	840
ggggggcc						848

<210> 4864
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4864

tngccttang	gtnncccttc	ccatgcactc	ccacggaaan	gccncccat	cgtangcgca	60
gcatccacat	gaacaggcgg	cgccgaagg	atcctgcccc	tnactctcnt	tttctgttga	120
accatctgga	attcacaggc	ctgtcatgag	agacacgatg	agaagtcctt	aaaggtagat	180
cactgattca	caggggagca	ggcggaggca	aggggtgagtc	agtgccttga	actcagtcac	240
ccagatttgg	ctctggaaac	ttctgaagct	gtagcctttg	gggatccctg	actgcgagta	300
caggaagcca	acgctatgtg	gtcttctgga	aactcattat	ctttttcact	ggtgctatct	360
gggaaaaaca	gatgaaaacc	tgaaggtgtt	ctgtatgtgt	gctttcaaaa	gcaaggatct	420
ggccggacgc	agtggctcag	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggagga	480
tcacctgagg	tcaggagttt	gagaccagct	nggccaaacat	ggcgaaacca	tctctactaa	540
aagtcaaaaa	ttatctgggt	gtgggtggtg	gcacctgtaa	tcacagctac	tcaagtagct	600
gaggcannaa	gaatcanttg	aacccaagag	gccaaagttg	cacttgagca	caagatcaca	660
ccactgcact	tcnacctggg	tgacaagaat	gaaacttccg	nctcaaaaaa	aaaaaaaaaa	720
aaaactngac	ctntanaact	atagggagtc	gnattccgta	anncngacn		769

<210> 4865
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = A,T,C or G

<400> 4865

ggnnntnaaa	tatcagctct	tgttcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
ggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnnac	tgctgcncct	cngcgnannn	180
gtnanaatan	tactctgnnt	nganngaana	naantanatn	gntaccnna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgcctc	attnttncat	cctatcacaa	gacncgtnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaac	aatnncgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncaactta	ttcagcctga	tctttccaca	tacactacat	480
tgnattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tentactaga	cntatncatc	tgcttatcnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866
 <211> 1403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1403)
 <223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttggt	tgacgcccat	cgcttggang	60
gccgttngcn	aacgcncna	cacgcgnnac	nngnncnact	gagacnagca	anggtgncaa	120

nggncagann	acaaggangg	agnctnnntg	nacgcgcggn	ttnnnccggg	ggnancnang	180
ggggggagaa	cnnnccgggn	ggnanaatng	ggcgngnnng	caggacncan	ngcanatncg	240
aaagnnnccn	nggnanccgc	agnccggngg	acangcgnet	gancnnggan	nnagnnang	300
agnnaggaga	ggngngcccc	angggagann	gnacggacnn	ggagnganag	ncannncacn	360
cacggngcnn	aaganaggga	nanncnngnn	gcaaaggggc	gagnaannng	ggnantnann	420
ganagangan	gannggagna	gnnnagngan	nannggaggg	ncncngnnag	tgcatacaga	480
gaangggcgc	ngaagcgaa	aacgccacaa	nanngcnncc	nnngngcna	cnnnganaga	540
ncaacncggg	nanncagcng	gacgacgagc	agcanancgn	caactagcan	aggananacg	600
gaannnggcc	ncantcggcg	agnanaaaag	aaagccacng	cnaaacgcac	gnagncacna	660
nacgaccnca	gngggnncacg	gggcanacag	nnncngacgg	cngcnnannc	taancagacn	720
cacagcgcaa	aatgggggga	gacatgacaa	nnnggacagc	ganacaccac	gacaaacgcg	780
cnggcananc	anagcgccnc	ganaggacng	acggngaaac	cgncgacagc	nccacacaca	840
agcncagaga	ggnnntacac	nctagngaca	ngagaggngn	cngggnaagc	gcacgagaac	900
annaacaccg	acagagcang	agcgnnnnana	gcaaagaccg	gacncnagna	cgccnanang	960
acacggncng	nagacannag	agnannagng	atgnggacan	aacggngccg	aanagaagac	1020
gnacancgca	nngaccaaann	gnacnnannc	accangagaa	gaagagnaga	acgnacacgn	1080
acnagcacga	agaccacnga	gacntgaccg	cgcacagaga	agcacngggg	gacgcccana	1140
gaaaanaang	agagctgcgc	anagagcaca	gaancacgat	gagaacggnc	cnaaacgant	1200
ncacgccccaa	aacagganan	nctgggggga	nacaanagag	agcaggtagn	caanacngnc	1260
gaanagnccg	agcanagaga	cntgggngng	ggagnagcag	ngnnggnnca	nccagaacaa	1320
gaaagnngga	cagnacngcn	angcantagn	nanaangnaa	gnnattnnng	gntngncagc	1380
gaanngtnaa	gcggagngnn	cgg				1403

<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1019)

<223> n = A,T,C or G

<400> 4867

gngggnnaaa	nggcttttta	aacatacagn	ctacttggtc	tttttgcagg	gatcccatcg	60
attngaattc	ggcacgaggg	ccaccgaaga	gggcaccagt	gtcttgtcac	ctggactnca	120
catangacta	atnntgntac	tggcaataan	gatctatana	angtcngcna	ctgatgtgta	180
tgaaaagcat	acntgactnt	atatnctaata	gtngggatgt	gannttncta	aagtntnaca	240
ataattngtg	ntancatcac	atgaccaann	gttaactant	atcttggaga	cactgacttt	300
ntggggcccat	antnttttga	ttttanacca	agaacntnta	atnatntgta	tcccaaatat	360
gntgetcctt	ntngnanagn	ccaanggctg	atttnectnt	ncatcttnna	tnnttgttgg	420
ancacctaann	gaggtagtnt	tctngnnggn	cctngnaaaa	antnttccan	aanantaccc	480
gtgtgcntcn	ttanaatnga	ntaattgtcn	naaaattaan	ntaggcnnntn	gnnncaaaaan	540
naaaaggcct	cccctttgaa	aaacaangtn	attttgaaan	aangataaat	cnntntnnag	600
ttnatcannn	nanannnana	tntgtcnaat	ncnntctana	ttttntaccn	nnntntagta	660
nnattcntaa	aanntanaga	ccnttttccc	tnntgaagna	nnctntgggc	ntaannaann	720
tnngntnann	nntcancttn	gncnngtntn	nnnnnatteg	ngtaatatgg	anncatttnn	780
nanataaaaan	anannttctn	nntgnangac	nntactanac	aaanttttaa	antnngttct	840
acanccecnt	tttanannnta	nanantcgna	tatgaatttc	aatctcccna	tnntgttnan	900
ataatcaaata	nnanattaaa	ttttnataaan	ccttattaaa	acctcttttna	tgaagnatcc	960
aattnttgat	naatncntaa	acnatgntat	actnnnatat	ntnattatnn	antgnnccg	1019

<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4868
 tgnnnnnncgt nagaccagct tttnaacata caggctactt gttcttttttg caggcatccc 60
 atcgattcgc atccctggag cagcttccaa cactacttca ggggtggcagt gtttggggca 120
 ctggggcgagc ctgccggcct ctagatggcc tcctctcttc ctccacaaa ctgtctagaa 180
 ccaataaaaag gaaacctgcc aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt 240
 gagtcgtatt acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca 300
 actagaatgc agtgaaaaaa atgcttttatt tgtgaaattt gtgatgctat tgctttatatt 360
 gtaaccatta taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt 420
 cangttcagg gggaggtgtg ggaggttttt taattcncgg acgcggngcc aatgcattgg 480
 gncccggtac ccagcttttg gtcccttttag tgagggttaa ttgcgccctt ggcgtaatca 540
 tgggcatagc tggtnccctgn gtgaaaattg ttattccggc cacaaattcc cgccacatnc 600
 caanccgggg gccttaaagn gttaaaacct ggggtgccta aagaagtgan cttaactcac 660
 catttaattg gcgtttgccc nttaaatggc ccgcttttca anttcgggaa aacctgtgcc 720
 ntnccaagct tgcanttaa tgaaattggc caaacgcnc cgnggnaaaa ggccggttnt 780
 gccttt 786

<210> 4869
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4869
 gntnatgacn tnaaactctt tggcnagcag gctccctcga ttogaattcg gcacgaggaa 60
 tcttccttaa agtccagagt ctcccgann ntggagnttg tccttcccaa gccttctcgc 120
 ggggagggaa ttcttctttt ctgccgcctg ttacatccct gtgtgagaag gtctggtgag 180
 ctgagcccac atcaactcgtt ctgctgcccc ggtgtgcttc catcttcaact gtggaaaagt 240
 cattttgaac tccccggtga ctgcaaatta agtaatcaag gacagatggg actgggttga 300
 ccattccaag gagtacagtt acttgaagaa tctggaagca ataccgagca catttgttgg 360
 cattaattca ttggagcaat aatgctgtac gtagaaagta tggacggat gataaattct 420
 atcatcagtt ctgagcattt gtagcaagtg aactctaact tggacggat gataaattct 480
 tctaaaaaac aaataaaaac cctccagaca atattatgca ttgagagctt taaaaaatat 540
 atatcctaca gcatttggaa aacactttgt ctggctatgc cactgcactc cagcctgggc 600
 gacagagcga gactccgtct tcaaaaaana aaaaaaanga agacttgnat taatggagaa 660
 acagactggc cctggctag aaatnccaaa tattgnaaag aagtcatttc tttaaaatna 720
 atttatggat ttaatgcngn cctnagttaa aaatc 755

<210> 4870
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4870

```

agtgnntttt aaanacaaag ctacttggtc tttttgcagg atcccatcga ttcgaatcat      60
aatggggaag gccatccagc ctgcgctcgc gaacgccagc aagacgtagc ccagcgcgtc      120
ggccgccatg ccggcgataa tggcctgctt ctgcgccaaa cgtttggtgg cgggaccagt      180
gacgaaggct tgagcgaggg cgtgcaagcg ctcaccgcat cgtggcacct ggcaaggga      240
tcctggctgc agatgagtc actgggagca ttgccaagcg gctgcagtc attggcaccg      300
agaacaccga ggagaaccgg cgcttctacc gccagctgct gctgacagct gacgaccgg      360
tgaaccctg cattgggggt gtcattcctt tccatgagac actctaccag aaggcggatg      420
atgggcgtcc cttcccccaa gttatcaa atccaaggcg tgttggtggc atcaaggtag      480
acaaggcgt ggtccccctg gcagggacaa atggcgagac taccacccaa gggttggatg      540
ggctgtctga gcgctgtgcc cagtacaaga aggacggagc tgacttcgcc aagtggcgtt      600
gtgtgctgaa gattggggaa cacaccctc ncccttgcca tcatggaaaa tgccaatgtt      660
ctggccctg tatgccagta tctgccagca gaatggcant gtgcccacg tggacctgag      720
atcttctga tggggacct ga                                     742

```

<210> 4871

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4871

```

tttnaaatcc cagctctngc agnanttcaa gtcncnttt ctaatncttg gcanctcgat      60
ctgcncgaa nnnntnngc ncgagantct gcntacaac ngacaggatt gntagaacnt      120
nnnnngtcng ggggatntng aatantnnnt caacacnngt gatacgentg anctaacagg      180
tggtgttttn antataccna cnnaaatagc angatgcgac aacantcctg naacngtgct      240
ttntcaaagn caactggcct ggaaggctac aagtgtcnnn aaagattctg ttcagaatct      300
agccacagan ataaaggatg gacaaatacc tngacatag tctnctcana gacanccaag      360
ccttgaangc tcaggatgatg aaaangattn tgtttcgaat ntanccanga gaaataaagg      420
atgganaaaa ntctgggaca ntgtcttctc agaancaatc ngnccatnaa ggttntatct      480
nacangaaag ttctcntttt gaatatgtgc cacacnga atcnggcggg tngaaatct      540
nnaacagagt atnctganaa tntgcccanc cntgnaangc tacaattgaa aaataataan      600
ntctgatctg aaatacaagc caccaaaatg naangattgt acnaatcatn cncaccagc      660
agcaacanng acttnatgaa atggccatcc annnnggaaa accanaagga agctttgnna      720
nnaatntgca atanattacc canncnnaca aggttgaaaa aanccanaat tncattnctn      780
agggatggac cctttgntng accttaaatt ncagtcctc ctnaaaccn ttcttnaaga      840
aggnnc                                     846

```

<210> 4872

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 4872

```

ggnttnaaa tatcagctct tgttcttttt gcaggatccc tcgattcgaa ttcngcacga      60
ggtctangnn gatgtctntc naatcatggg ntgtccntnt nttttgacac agggccttgn      120
cttattgctc angtngagt gcagtnagct gtnatnncac tgctgcnett cngcgnannn      180

```

gtnanaatan	tactctgnnt	nngannga	naantanatn	gntaccnna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacia	gacncgtnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaa	aatnnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgnattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttnct	cactgcttaa	600
tctactaga	cntatncatc	tgcttatent	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4873

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1194)

<223> n = A,T,C or G

<400> 4873

ccccacnnn	acncaacacn	cancacnna	ncncnannnn	ncancaaaaa	aaaanccanc	60
ccanaaacac	canccccaac	acncaaaaca	ncccnccac	cancnnaaan	gggcccnac	120
cancctgtca	agcnaacgac	ccacnacnaa	gcngccgaga	agctncacnn	nacacccaaa	180
ccncatacag	ngggcngggc	aagcnggggn	cncatnggga	nggggaaggg	ngcccggcgc	240
ctancnnncn	nccnggnnnc	nacagngna	ccanatnggn	ccancccca	nacnaccang	300
taccannncn	nncacgnnaa	caccnnncca	anacaccncc	catcnaangc	anaaccgacc	360
anangnacct	accnaancan	accnccana	gcnacnena	gennacacc	caaccccccc	420
anncanggnc	accnacngca	aagncccnct	cgcnnngatc	accancantn	ncnaatacan	480
cacnancnac	cacnccncaa	anacnaacgc	ttanccccan	cgacccca	cnaaagacc	540
ananagcaca	cacntggnaa	naaanana	cancgcccc	cnanncccaa	naangcgcnc	600
nccaacacan	cnaaccccan	ncacccnnaa	accncannnn	cacnggcgac	annnggaana	660
cncccccantc	cccacnnnca	canacnaanc	ncnanacacg	nnaacncncg	ancnnaccnn	720
naaanaacan	annnnnnngca	nnnanaaaac	cccnangncn	tacnngcaca	cactcnccan	780
accagntnnc	acncaaacgc	ncacnaccac	ncacncccc	acnacaccna	cgcncncna	840
cccaccccccc	accganacna	gcccacacgn	nccanncaen	ccaangnaca	nnccaagcgn	900
cacaccncac	acgacncana	cccncnnna	cactaacnnc	acnnnnnaca	cnnnnccacc	960
cacanagcac	canacnncnc	cancnagaa	ccacaccnna	acnacnnanc	tnnctcncc	1020
anncngccnn	nntnnccgct	cgcanaaa	nancccncca	acacaaancc	naacacaaca	1080
cntncccccn	tnaanana	ccacnnnaac	tccannanan	aancaacnnc	nnccaccanc	1140
aancaacacn	cacnacanta	cagacncctt	anannancnc	cnccacaacc	nccg	1194

<210> 4874

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4874

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggctactttg	agtgttttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataatata	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180

tagttgtaag	ggatcataca	gaagatattg	atgatatgtg	aaatattcct	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcctga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4875

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 4875

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatatgtg	aaatattcct	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcctga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaagttag	canggggaag	tatttaaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4876

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4876

ttgaancctt	aatntnnacc	cctttggaac	ttnttgcagg	atcccatcga	ttcgtgtaga	60
ggaggtgagg	aaatacttta	atgtgttgga	aaccatgggt	ttgaacagaa	gatacgcata	120
tgagtgggg	aatggaaaga	aaactttgtg	ctacatttac	tgtaaattat	atcttattga	180
ttcagtaa	tcaggtggaa	tacggaagtt	caaatttaaa	gattacccat	ggactcctga	240
cctcaggtga	tccaccgcgc	tcagcctccc	agtgggctgg	gattacaggt	gtgagccacc	300
atgcccagcc	tcatcattct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtggt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaaagt	attctcaaac	tagacgggtga	540
tgttttaatg	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660

gaaacaaaaa gactcttnta gaccacatgg cagtcccata tggatgacca agcaagaaaa 720
gctgcggcaa gcagagaaaa naagggaac caacaaacat n 761

<210> 4877

<211> 687

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 4877

agacaagcta	cttggtcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgagtattgg	60
tttgtagaaa	tgctactgat	ttttgtacgt	taatTTTTgt	atcctgaaac	tttactaacg	120
tcatttatca	ggtcttttgg	agggattgtt	agggTTTTtt	taggtttaga	atcatattgt	180
gagtgaacag	agataatttg	acttcctctt	tttctattta	gatgcctttt	gtttcttttt	240
cttgccccgat	tgctctgggt	aggacttcag	tactatgntg	aatagagggtg	gtgagagtgg	300
gcatecttgt	cttggtctta	ggggggatgc	tttcaccttt	gcccattcag	tatgatattg	360
gctgngggtn	tgcatagat	ggctcttatt	atnntgagag	gtatgtcnct	tcantgccta	420
gttagttgag	gatttttatc	atgaagggat	attggacttt	atcaaatgct	tttctacatg	480
tattgagatg	atcatatggc	cntgggnnta	atctgggnnta	tgtgctaaac	ctattcccan	540
atcaaaaana	angatttctn	ctaacacatt	ctacgaacca	gttcacctga	accaaactcg	600
caaggcncac	ancnatnata	aaaaaaaaatc	gctntaaact	tnnggnnata	ctaaaccaac	660
tganagnnct	gatnagttgn	cacctt				687

<210> 4878

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 4878

gnangctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	aggagggggag	60
agaggagggc	cattacaact	ctgccttcaa	gactcatctc	ttaaaaacaa	aacgaaacaa	120
aactacaacc	accatcaaaa	ccacacgcaa	aaaaaaaaaa	aggataactt	taaccgaagg	180
aagggttttg	ttccattcaa	ctccacattc	attgtgcctt	tacttgcatt	agattttctgt	240
gctttcttcc	tttccctctt	tgaagcaatt	aaaatcttcc	ttgataactg	ctgtttcttt	300
ctactcttgt	ttctggcaat	ttagtggggt	ccttctctag	tggtcttaaa	tctcattcca	360
ctggtggcaa	gatggggcct	anccttcttt	tcacatgtct	aatcttttcc	tttctcatgg	420
tgccctccat	ggaagtcaca	gtnaacactg	aataaatgac	tagaatgaca	cgtgtgcgtg	480
ccgcacgcgt	gtgcntgtgt	gtgttcacat	gtctgcatgt	gggatcaatt	tcttttagaa	540
aataatttat	tgnatgattt	attttgggag	ttatattctg	attacagngc	tccttnttcc	600
aaatagcatt	gatttttccc	ccttnaaagn	ataatctggt	ctcaggttgg	atctttngga	660
catntctctc	tctggatgcc	atgcagttaa	ttaaaacctt	gcttaaaaca	aaaanaaaaa	720
aaat						724

<210> 4879

<211> 925

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (925)
 <223> n = A,T,C or G

<400> 4879

tnnnnnnnnn	ntnnnnnnnn	tnnnnnnnng	ggnnnnnnnt	nggntttana	ctcgggaaacg	60
tttctnagca	ggnggccatc	gnnncgaatg	cggcacnngg	nggtanccga	attcggcacg	120
aggggggacaa	ggctataaat	atcattaata	ccagggttcag	gagtttgac	tgcactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	ggggttgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncagggggta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggctgt	gctgaggatg	agcccatgt	agttggtgca	ggtaggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cggtaggctna	cacctntnat	420
tccagcactt	tgggagggtca	agggggggagg	aacacttgag	gccngagaca	atataatata	480
taatataata	tattggccag	ccttgacaaa	tataaataaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtgggngg	gnacaatacn	ctgtagtcct	tggcttanct	600
ttgggggaang	cttgngggca	aggtggnatt	tgctttggaa	ncctacggan	tttcaattgc	660
ctgtnaagtg	gaagcctntg	ggaatcggtg	ccncttggn	atttcnacc	ctgggggttng	720
ggaggaaaaa	aacccttntt	tntacaccac	cncncncccc	cccaaaaana	anttggccca	780
aatgtggctn	tnantaaaag	gggaannccg	aataggggn	ttcttngtan	ttaangngg	840
caaaaaagg	gggnggntc	ctgnggaaaa	aaaaggccca	ccccttttng	tgttgngggt	900
ngggaaaaan	tttnaaaanc	ncnct				925

<210> 4880
 <211> 1170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1170)
 <223> n = A,T,C or G

<400> 4880

ccnannncna	ncnannnc	naanngann	accnnnnnnn	cnacnacnnn	ancngncnac	60
ncnnacnacn	cncgcccann	nacncnacnn	aanancnnnc	gcnnannnan	ccnncnnncc	120
nnncnactc	nnncnncnn	annngncacc	cnnnncnnnn	nnncnacnnc	ananncccnc	180
acnancceca	naacncngc	nntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctncn	accaccaccg	ananncgnc	ncacngccc	nnnnagcncc	agnnncccca	300
acnncnate	ccntncgnc	gaacnnncta	nccngggggg	ngggggcggg	ggcangggng	360
aancgngngc	cancccgccc	acnccnacn	acacnncccc	anaccannc	ccnnnacnnc	420
aancccnnc	ccatacnca	naccganccc	nnannccna	cgcaccncca	cnngacccgn	480
aancnnaaac	acacacncac	accccgaccn	cnnacaanac	cncncaenca	nnnnnnccnc	540
nacaaaaccc	acacgcgcnc	ccncaanccn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgcnca	ancccnacc	acnnncccac	cncccaccnc	gacnnananc	ncnnncncca	660
ncacgcenac	accacnnaa	nncccccccc	cnccccaccc	aaccnaannn	cacancagnn	720
ancnacnnan	ncanccccan	cccccataaa	ccnaccacac	ctanncancc	cagacnannc	780
aacgncnnn	ccctacaccg	annncnnnna	ncnanannac	antncnacan	ccacaccaat	840
nccgcagcag	acatcgcan	cacncagccc	ncanacacna	nccnnaccac	caanacntna	900
cnnacacaca	cnaacnncn	aacnatntnc	cacgcncaca	nnacaantcn	atcnccccac	960
gnacnnctca	nncacancga	ncaatacana	ncacganaca	canncacgan	nnccanacnc	1020
caacncgcga	cngncacaca	caccacnnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacnng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgcc				1170

<210> 4881

<211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4881
 gnnttttnaan ntttttaaatt tatacanctt nttgttcttt ttgcaggatc ccacgatttc 60
 gaattcggca cgagggtaga ctggctaggg atcctggacc cagggttcca cgtagcaaca 120
 cctgctgagt tctctgggtt ttcttcctgc ctcatgtagc ccagacttgg agctgaagaa 180
 gctggaaaca tggaaacacc aacagctaca gacaaaaaaa agtcccaaca aaggcctgtc 240
 agtctgccag cctgttctgt ggatttcctaa ctcaagatgg cagcatcaac tcacacctga 300
 agttctggct tccctacaaa ctttgaactt gccagtcctc acaatggcat aagccaattc 360
 cttaaaatga atgtctagtt ctagataatg tgtgtattct actgggtctg tttctctgga 420
 gaagcctact aatagatcat ttgtcttaat caattcaagc tactgttaca gattaccata 480
 gactgggtgg ttaaaaactac aaatacttat tactcacagt tttggagtct ggaagtctga 540
 gatcangttt ccagcaggat tgagttcttg gtgaacatcc tcttcctggg ctacagagta 600
 ctgngttact taagtggaaa aagtaggggtg agctgggtct tttggcctct tcttttangg 660
 gactaattca tgagggctnc accctcatga cctatttacc ttccaaaggc tccatctcca 720
 aataccatca caatggggga ttagaattca acataggagt tttgggagga cacaaacatt 780
 tagtccttac ancca 795

<210> 4882
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4882
 ttcaaaccag cttttganct tnttgcagga tcccatcgat tcgnntcaaa canagnattg 60
 tgatattgtc aaagagaaaa acnaatcctg aagatacatg gaaatgtaac ctagtttagg 120
 gtgggtatct ttctgaagat acatcaatac ctgacctttt ttaaaaaaat aattttaaaa 180
 cagcatactg tgaggaagaa cagtattgac ataccacat ccancatgt gtaccctgcc 240
 agttctttta gggatttttc ctccaaagag atttggattt ggttttggta aaaggggtta 300
 aattgtgctt ccaggcaaga actttgcctt atcataaaca ggaaatgaaa aagggaaggg 360
 ctgtcaggat gggataaatt gggaggcttc tcattctggc ttctatttct atgtgagtac 420
 cagcatatag agtgttttta aaacagatac atgtcatata atttatctgc acagacttag 480
 accttcagga aacatangtt aagccccctt ttacaaagaa aaagtnaaca tacttcagca 540
 tcttgagggg tagttttcaa actcaagttt catgtttcaa tgccaagttc ttattttaaa 600
 aaataaaatc tacttataa aagaaaaggt gcattnctta aaaaaaaac ctttaaanga 660
 aaatgaaaga agaacccttt tncangatac ttactttgan gactgttttc ccttttttna 720
 tgagatatag cttaganatc ggcgnggggn atttctttan taatnctctg ggttttggat 780
 ctggccttg 789

<210> 4883
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattncc	ctttttgcag	gatcccatcg	attcgcccag	60
ggccgncctgc	ctgagcctnt	ctgcagctgc	tcacnttttg	ctgaggcctc	tgcccttcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttnccctctn	tatttgncct	gaaccaagtt	180
gtagaatttta	aaggagggtga	agnaaggcga	ttnctatgga	aaatatattg	nncttcttta	240
ctcctcatgc	tnagtgcata	anaatntatt	atntccctcg	aatgttcaaa	gtggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaacaa	tcttaatagg	aatgtgcgat	cttgcgcccta	360
tcttttagcac	acttaattag	ctacaacccg	ggactgtngc	catttgaaca	aattgntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaaacact	480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca	540
accctcacct	cctnccccgc	cccctgccct	cagcaagtcc	tggcctgtgt	gaactgaagg	600
gtttggaagc	tctggtttct	aggagtgcc	agaagcttga	aagactaggg	tgtactagtt	660
attgangggc	agttgtcant	ggcagtgtgg	gggcacccca	attngtattc	canggcactg	720
cattgctttt	tt					732

<210> 4884
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 4884

gantggtcga	actnaaccct	ttggaaantc	cctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	ccttcntttt	ttcttccctc	cccttttttc	120
cttcttccct	cccctccctc	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	tttgttcact	tttgttgaaa	gtgaccatgt	ctcaagttca	agtgcgaagt	300
cagaacccat	ctgctgctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgccctctga	aaatgcaggt	420
agacccattc	aaaactctgn	tttaccctct	gcctctatta	catccnacca	gtgcagntgc	480
agaaagcata	aaccctactg	tagaactaaa	tgccctgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	cctgtgtgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaca	600
tggnagnang	aaggagggtt	aaatccccc	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttt	cncttnnaaa	ngnggatncn	tntangcgng	nnggccagca	natntcannt	720
gnantagggn	nancccnncn	tcctngcnga	ngaacnnncn	cnactcccg		769

<210> 4885
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (719)
 <223> n = A,T,C or G

<400> 4885

```

gtcttgtcct cnnaaacctt ttgcacttcc tctttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggtnnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcatt ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgta aatgaaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcctg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan      660
atantnaacn ncantacccc ctcntngaaa naaaaaancc tcgnaccntt ttgaacttt      719

```

<210> 4886

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4886

```

agnaggnttt tcagaaagct ggnnnaggna gcnggnagan gcnttgaagg cccttgctaa      60
tngcttggaa agctccatct anagagnngg anggtnggga gcncgnnaaa catgcngnaa      120
canctctagg aagtngaat ctgatacaag ctganatgtt gnnatnatgga nangatenca      180
cngaattgat tgctgtgaac acngtgnatn ncngaacca gatnaaatg tnatatggaa      240
cnattacanc antntgcact gaagcaagct ggccaagcan gnctgcatgn ccgaanattg      300
aataatnactg ggcanatggn actaanatta aaaagccana nnaantgnnc tgcaccaaca      360
tacaatntgac tannnggatg acttgggttc aacgancagn cntgatagat gaaaccncg      420
tttccctnta agattggtgt nccatntncc caaaaacttt atnnctgtgg caganactat      480
ncntaaaagc gncttgnnna gggtttnaan gccnntanna atcaccangc nctantgatt      540
cngtgatgcc atctgccaac taggaggcnc anctnaacnn ctacnttaag cactnnattc      600
nnctttgntt cagggntttt aancnagntt tgataaggcn tgaanctggg cacctctnca      660
agaattagta canaaacttg gatnncaaga ccnnatnaan ggncantcta ngaacacagn      720
ntccnccenn gcttaatnca ttggtagaac canctcaatn gntatccngt nantgnacna      780
ctn

```

<210> 4887

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4887

```

gnnngnnnnn nnnngnnnnn tnnngggnnn tttgcnaata nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattnggcnc gagctcngac cttatnanca gcatnacgca      120
tgactaccac ctgnatganc aggatgctga gggccggctg gtacgctgga tcattencat      180
tagtncccgga aagagccgtg cttggcnaca gactccgagg gtcgttcaac tnggctgctg      240
tcccaaacgc tgctgacctg gacagtggcc atganacat ggngggctca ggtcttactc      300
agnatgagct gacagtgcac atctccnagg agacgactgc agatgccatc gcccgnaagc      360

```

tgaggcctta	tggagctcca	gggtacccag	caaagccatg	actcatcctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttgct	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcctacagaa	tgaacagggg	gaccaggaac	540
ccctgtggga	naggcttaaa	cctgancagt	gccactctg	gntcctctg	ncttggctga	600
ctggnttctg	gaccatgtgc	atttacttgg	nccatgggat	ctacatctct	tgcatnccca	660
nctggctgat	cctgccangg	nccgttnctt	cctgctcatg	gncttnaggn	ngnctgatca	720
tngaaagg						728

<210> 4888

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 4888

tttgttggcn	ncntagtnan	nnngganana	cntcntngct	ctanaagaat	tgggttggtn	60
cngcacgang	agatgtgtcc	agtgtcccnt	gtggngtgtg	antagaaacn	cctgngggnnn	120
aagtgactnn	gtnggnccnn	ctggcttcgt	gcangangnc	tcgtactgn	atacgaccnn	180
gccacngtgt	tctnaangac	annnccanan	atgggttana	ntcnetgctg	tgggagtctt	240
tantcccaca	cncnggacan	gctggtnanc	tncactgtnc	nngatgatgc	acaccngac	300
cnatnacgtc	angacgatnc	nnntcncgac	anntatgggtg	aagatncctn	ccgtgggtccn	360
attcttnctg	nacntnctgn	gnccatgacg	ctcacntngc	tgtngagctc	gntccgtgcc	420
cangtggtgn	acatntaaca	gatncnacac	tgtcttacia	ngggaccacc	nangattngg	480
gtctctacia	nagancnnac	nntgatcctt	aattattctn	agggcctncc	gttgnttttg	540
gctctgcctg	gnnttntagg	ncaacgggac	aatccaaccn	tnnccntttg	annancctta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttancc	660
tnattttgac	ctgganttna	tccnnccaa	tgccttcgga	agntggncct	ttnnacnaaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaaaaa	ggcccnctt	ggcttnatct	780
cccttaaact	ngatnnncg	tgcnnncg				808

<210> 4889

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(727)

<223> n = A,T,C or G

<400> 4889

tncttaantg	gcttggcnac	tngttctttc	tncaggnagc	ccatgcgatt	cgaattcggc	60
acgtagggtca	gacatgaaaa	ctatttttaa	gctgactttg	ntgccttatc	ttgaaaagaa	120
tctagatagg	tgcttttaac	tgggggtatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaataatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggtttaa	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcattttcta	ttcaccatcc	tttactatta	300
anggaaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgttggtc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtctgct	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaaag	cnatatttnc	ntgggaatct	540
aattcaaagt	tngtgggnata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggta	tgnngccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtntctgga	660

tgcngtttgt aaataactga aaataatttg gntgaccttt ttattcaatt ctgnatagan 720
nttaaaa 727

<210> 4890

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4890

tttctactaa	ttgcttggt	acttggttctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgagcntng	cttttcttgn	nancagcagt	ttttcngnac	anatttgctt	tntnttacia	120
aaagannacn	naaatgctgt	tgtnttaaca	tttcagaaca	ganattgtgt	tgatgtgatc	180
agtgtttggg	ggttaacttt	gcgttaattc	ctcaggcttt	gcnaatttaag	gaggagctgc	240
cttagaaaann	aaataaaggc	cttattctgc	aatantngga	ntgaaccaat	attctataga	300
acatataggt	acagctgata	tcgtgtatat	nttccttana	gaatagctga	acaccttgag	360
ccttaanacg	gagctgntgg	gaaacattan	gcactctttt	atgcgtttac	tcctgcctnt	420
gcttggcact	gcantcttaa	ganagattca	aaaggctgcn	aangaganga	aatctgttcn	480
nggaatgttt	cacnggccna	taagatgcnc	naanactctg	tnctcngatg	tntgcctggg	540
cccnatgtgn	aaggnaggat	gcctgctcgt	tcttgencct	ntgcctctna	gnacacnadc	600
agtnnnccct	tcaagacntt	ccacttgntt	aanatattta	tnnatgncan	gganaaggct	660
ttaantnnat	nnggacaaat	aatgcttttag	ttttnttttc	caaattaggc	ccttntttta	720
aaacaagggtt	ggntgnannn	tcctctna				748

<210> 4891

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4891

ctncttaang	gcttggcann	tenttttngc	ncgcanncca	angngmntgg	gagccactgc	60
gcccggccaa	ngacactttc	aaatactcat	gatnggatat	gcctctgtga	ttgacagtga	120
gcatttcaaa	tgggttaaag	attgctctgc	aaagagggtta	actgtngaga	ttgatacagg	180
ctatcttcaa	catatgtaca	ttgctgtata	tgacatttac	ctaccattgt	gcacctggga	240
cttctctgat	gaccacagga	attccctttt	cttcccatc	tcttccagat	ctttcttcta	300
cttgaaaccc	cttatctaca	aaaatgaata	aacaacccaa	tctcatttct	gatecngtcc	360
tggaattgat	ctaaggcaan	gtctggagaa	gtgggtgggag	acagcanaca	gctttngtta	420
agtcttctaa	ccccagcact	ttctcagcct	catctgngng	ttctgtctc	actctgcaga	480
cctcacttna	caatgctctt	cagatccttt	aatgaatagg	aaattgattt	tgggtatttc	540
tatnaaatac	agcagagtct	tagaaacttg	cagtggcctt	nanangaaag	aacccttctt	600
taactncctg	gccagattna	tctttctttt	atgggntcna	acactaactg	ggaanttttn	660
cccatgggan	ggtatttgng	cctttcagac	tggctttttg	nngaactggn	tttgagggga	720
cataaacctg	aggactggtn	atanttttn				748

<210> 4892

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

ttgncnnctt	aatggctnng	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	60
gcacgaggtc	tcataacct	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcggnaaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	anancctnaa	180
ngcatgcgag	tttntaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nngctgtgna	300
ggaagtntn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaagaatn	tggtgcnnca	naatgnntaa	480
taattntacn	ngatngaacg	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttcctgng	600
aaananaact	caggttttac	tttngcagg	gcantncnnn	atntntncnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntencacttg	tgggatacnt	ggntaanncg	gcca	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

agngnntnnn	nggttctncn	tctcctngna	aacccttaat	ggcttggcta	cttgttcttn	60
ntgcaggcag	cccacgctt	cnaatncggc	acgagcntat	gtnatgctnt	cacctcccct	120
gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtccg	180
gtcttgttta	atattattat	tattatngtt	atttaatttt	attntattgc	aactgtactt	240
agagaatagt	ctggctctga	gaccttttca	ctgnggtctg	ntctggtgta	cggctcccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgtccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttggnga	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggtcctttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacaccct	gncaactacc	tgattggctt	nccttggcca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttattec	catttaaccc	720
aacannctgg	gaacttttgc	caaaatcttg	nngtgaacaa	tttggctggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4894

gncaggctct	tggtcttttt	gcaggatccc	atcgattcgc	tagactgcta	tgantagtga	60
tgancancat	ctcagnctgc	caagggagaa	catgantccn	catgaacaaa	ntnggttccc	120
tgancagggg	gaaatgnaat	gctgagactc	acancaggng	gtgcgncnta	nngacctntn	180
nctgnannga	nanantgnag	gccacnatac	actngatgan	nnaatggact	nnctcttnaa	240
agtgtcggn	ntgctnctgc	cataantata	gtanatatna	canttgccnt	ggtccnnctt	300
ctacctnaga	atgctgtgtc	ttacgctctg	tcttcccana	tctcccanna	nttggaann	360
tctgaggtca	gagggcaaaa	ngagaacctt	ttaattctga	ntctgacata	atcagatctg	420
gaaccagttg	nnaagctgta	anacttatgc	angcgtaagg	tggttggtgg	tttaagccnt	480
atgntagctg	tggnntntcta	aaanantntg	aatntatctc	tgatcatagn	tttgacctgc	540
atttgctaan	ngngtcnnta	anggatgtgg	ngannntggn	anttncccca	tgcattccna	600
gngtctnggc	cnntanaaac	cnggnccaat	tgaagttcaa	cntttaactt	tnggcctgta	660
naggaccatt	tggccatngg	tgnccttggt	taaaggaac	gaatnttgng	aatncgatta	720
agccatttnt	aatttccctn	nttgcccttn	aatccccent	ggaattcttt	nncngggaac	780
ccctttt						787

<210> 4895

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (863)

<223> n = A,T,C or G

<400> 4895

nngtcnccct	ttncaanmnc	tnnganaccc	gttctttctc	nanacannaa	gntctnatgc	60
tgnggcacga	ggtctcnagt	ttttttnttt	tgntngtnga	nacaggctcg	ctctgncgcc	120
cangctggag	tgcannggcg	cantctcggn	tcaactgcanc	ctccacctcc	cgggttcacg	180
ccattctcct	gcctaancct	cccagagtagc	tggttagcca	gcccgcncnc	accactcccg	240
gctaattttt	cggatttttt	agtngatata	gggnnttcacc	gtgttagcca	agnatggtct	300
cgatctcctg	accttntgga	tccaccacc	taggccttcc	aaantgctgg	gattacaggc	360
ctganccact	tgcgcccggc	acattcaggt	tcttatcaan	gaaataaccc	agactttaat	420
cttgaatgat	acnattatgc	cccaatgttt	aagntnanaa	aaatttcctt	aaaaagggtta	480
tctttaaaaa	nagnatcttt	anngcnaaaa	tacccaagct	tgatggaaaag	gccatcttgg	540
atgcccttnc	attcttgtnt	caattccatc	ttcccaaana	nccagggttcn	aaantaaccc	600
cctttnttgg	ttggggcnat	atgnaaattt	tttaaaggga	gttnaatcc	aanatggatt	660
nnaaaccaga	ctgccntgaa	ttgganaaat	tnntgatttc	cttcaaaatt	gtggttctnt	720
ttctaaantt	ggctggnccc	ttaatttgga	ttaatttaaa	tccatgntat	tattgattaa	780
atctngange	angatgaaac	tttaccagtn	ttggaaatta	attactaant	taatcncnaa	840
tatntnnaan	tttttccttg	atc				863

<210> 4896

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (723)

<223> n = A,T,C or G

<400> 4896

ttntntnttt	caaatttcaa	atnctaggct	actngttctt	tttgaggat	cccatcgatt	60
cgggtggaact	gagtgcact	cgtaagaatg	ccagcaacat	ggagtacagg	atcaataagc	120

cgagagctga	ggattcaggc	gaataccact	gcgtatatca	ctttgtcagc	gctcctaaag	180
caaacgccac	cattgaagtg	aaagccgctc	ctgacatcac	tggccataaa	cggagtgaga	240
acaagaatga	agggcaggat	gccactatgt	attgcaagtc	agttggctac	ccccaccag	300
actggatatg	gcgcaagaag	gagaacggga	tgcccatgga	cattgtcaat	acctctggcc	360
gcttcttcat	catcaacaag	gaaaattaca	ctgagttgaa	cattgtgaac	ctgcagatca	420
cggaagaccc	tggcgagtat	gaatgtaatg	ccaccaacgc	cattggctcc	gcctctgttg	480
tcactgtcct	cagggtgcg	agccacctgg	ccccactctg	gcctttcttg	ggaattctgg	540
ctgaaattat	catccttgng	gtgatcattg	ttgtgtatga	gaagaggaag	agccagatg	600
aggttctctga	cgatgatgaa	ccagctggac	caatgaaaac	caactctacc	aacaatcaca	660
aagataaaaa	cttgcgcccc	tagaaacaca	aattaagtac	tgcttacaat	atctttangn	720
tcc						723

<210> 4897

<211> 771

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (771)

<223> n = A,T,C or G

<400> 4897

gtttannacc	agctcttgnt	cnttctgcan	gancgatncc	atcnatnnnn	attccgnncn	60
agggggctga	ngcgnccgag	gacagctcgc	gatgagnggn	cnacgaaggc	tcntctgnac	120
tggnnncann	gtnnanngnn	ctnnctcngn	gtatncngtt	cncannctna	ncgatncatg	180
tnctntactt	gatcnggata	naactgtatn	agaaccaang	nacttnncan	nngctactga	240
ccntncccat	gtncnnetgc	acgtagtgtg	atagatanca	ctaccnntna	ccagntcgat	300
gaacccgatn	ngtctctgcag	ctggtncana	ctgtctgngc	anctnncnnc	ttgcagttgn	360
accttnnggn	ccttggttaat	gncactacca	ntgtgctgtc	cttatgccat	ggatgttgnt	420
cccagatctg	tactaacnnc	tnccaggaca	tggccaattt	gggtagcccc	tnantgnaga	480
tgnnctgacn	ntganatcac	tgatnactan	atggggctca	ncgtgattta	catgccactc	540
ttggtnatat	ggtcttantn	gatgnnanc	ngatgntggn	caaccttntg	gaatgacctt	600
natgagctgg	anccatgaaa	ganattgnnc	caagcattnc	ccnntgacgg	ngantatggg	660
ctnantnccc	ttattactat	tncccttngtg	gacttnttan	taanattctg	caaagctcan	720
gtccaaattg	natnaccttt	ngnaggcann	accnttcatg	gntnttgtgn	t	771

<210> 4898

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 4898

gnttntntnt	ttnaaatctc	angctacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tcggcacagag	actgctcctt	cattcccaag	aagaaaagac	aagtactgct	acttccaaaa	120
ctcagacacg	acttgaagg	gaagtgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgtcattgcc	attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	240
agaaaagaga	agaaggggtg	aaagaagttg	tacgaaggtc	aaagaaattg	tctgttccag	300
cctcagtgg	gtcaggagata	atgggaagag	gaggatgcaa	catcactgca	atacaggatg	360
ttactgggtg	ccatattgat	gtggataaac	aaaaagataa	gaatggcgag	agaatgatca	420
caataagggg	tggcacagaa	tcaacaagat	atgcagttca	actaatcaat	gcactcattc	480

```

aagatcctgc taaggaactg gaagacttga ttctataaaaa tcatatcaag aacacctgcc      540
agcaccaaat caattcatgc taactttctca tctggagtan gtaccacag cagctttcag      600
ttaaaatgca ttttctttgg gtgctccaac tctttgnaac ttacangng aacaaccgtt      660
ttctacngtt tcaanccnt ttattaaacc tttatnagga atgttcttaa aaaaaaaaaa      720
aanaaaaaacn nt                                     732

```

<210> 4899

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 4899

```

nggagggntn nnnnntnata gacagctact tgttcttttt gcaggatccc atcgattcga      60
atnccggcncg agcctgtgtg ggggtgcngt acattgcana cgctctagng acctgttgtg      120
atgaactntt ntcnatggag agantcactc nngncntanc ancggnccg gnggatcaag      180
aganacngtg tancnctcng aggatataac tnnncaagat ntactactga tgcancnat      240
tntngccttn nactngnggg cattacacnt gctnntgatg ntagnntnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaaggga atcaatgcc aactgtntacn      360
tntggactct naaagctaatt attgtacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnnatgng ncntttttaat gacntntatn nnnnagatcn ctacttttn cnanagggct      480
ataatgagat tcacgaagtn tgcttacnng agagcanaca tccggtnatn atactgaaan      540
tctgtgtggn atnaaggntt ttgaacactt gcaattatnt gaattaattc agcncctggg      600
aagaactncc aggaagttca cananagant ccatntgtgt gaaactgcct ntggatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatggg      720
caagntnctc acttngcagg nctgaattac c                                     751

```

<210> 4900

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4900

```

gtcttgtcct cnnaaacctt ttgcacttcc tcttttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggg ctggccacat aggtnnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcat ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaa taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga acttttttgta aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan      660
atantnaacn ncantacccc ctcntngaaa naaaaaaanc tcgnacntt ttgaacttt      719

```

<210> 4901

<211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4901
 gtcttgtcct cnnaaacctt ttgcaacttcc tcttttttgca ggatccctcg attcgaattc 60
 ggcacgagag aggggtgggt ctggccacat aggtmctct gtggctctgg tctgggggta 120
 gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac 180
 tacttgcatt ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggcctctgca 240
 tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana 300
 atgaaccatg aatacttaag aaaggggaaag taggaacagg gagcagagca aagcataact 360
 tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt 420
 ttgatcanga acttttttgta aatgaaaaag ttcacaattt ggaaaaaaca gtgctagatg 480
 tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat 540
 atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc 600
 tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan 660
 atantnaacn ncantacccc ctctntngaaa naaaaaancc tcgnaccntt ttgaacttt 719

<210> 4902
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4902
 tcattcnnt nctagnnctt ggtgcgganc cntcncttcg natteggntc naggtcttca 60
 ctgntggctg gttcccaagc aggantgncg agctctggtc ctntcaaaac tnaaggtegg 120
 cttgaacntg acntagactc ctaatgcctt gtttgcnena ctacngaacc ntncnataga 180
 catcgnnnnn tcngatngtg acacagnctt ngncnatcnn tatacngnnn cngnctntat 240
 antaaggntt ntnggantnt ggacgnacgt ngctnagatg natagactca gactcatctg 300
 atgtgatgat aagacagaan tggagngccn gacntgantt gtctgcagga tngtctgaa 360
 ncnnatgtnc ctgtgtgtga tcttaaagat gtgaatgctn tnagncnnat nnccttaatg 420
 nntgnnacga gttcgacaag atttgcgatt gactccana ctntacnenn tgntgntcct 480
 gntagatggc tntaaanact tggntctccn atgtggatcat atggagaacc ccttntctgng 540
 ncgancnttg ntcangectn gncttttenc ctggaagnag gntcccaact tnggcttgcn 600
 caattngggc naatggcatt nncctttttg gggngncncc cnancttggt nggttnaacn 660
 ttcntaagg gccanaanc cntttnanct ccccttttnc ctgcccant ctcaatccac 720
 ctntnaattt cccnaagngg tttntaaaac tntnaaacct tttcnanaaa gcccctnct 779

<210> 4903
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

tcattcnnnt	netagnnctt	ggtgcgganc	cntcncttcg	natteggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatz	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gnctttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngngncnc	cnancttggt	nggttnaach	660
ttcantaagg	gccanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gccccctnct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4904

tcattcnnnt	netagnnctt	ggtgcgganc	cntcncttcg	natteggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggctcg	120
cttgaacntg	acntagactc	ctaatagcctt	gtttgcncna	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatcnn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatz	420
nntggnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggatcat	atggagaacc	ccttntctgng	540
ncgancnttg	ntcangcctn	gnctttttcnc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngngncnc	cnancttggt	nggttnaach	660
ttcantaagg	gccanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaaac	tntnaaacct	tttcnanaaa	gccccctnct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4905

ttgcnaactt	aatggcttgg	gganactngt	tctntctcna	ggntgccnng	cgtttcgcaa	60
aaaggcaaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180

cagagatggc	ttcatcgaca	aggaagattt	gcatgatatg	cttgcttctc	tagggaagaa	240
tcccactgat	gcataccttg	atgccatgat	gaatgaggcc	ccaggggccca	tcaatttcac	300
catgttcctg	accatgtttg	gtgagaagtt	aaatggcaca	gatcctgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaaccatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480
gaannccat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaaccctt	ccccnccttt	tanaacntnt	gnattncaat	taatttaana	660
attttggecn	tttttttttg	ggggtttntt	nccanctttt	tncctttgnc	tttggttaan	720

<210> 4906

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1593)

<223> n = A,T,C or G

<400> 4906

ttttttggna	aaaaancccc	caaaantanc	aaggggccctt	aacctttggg	ttttcttttt	60
ttttnggcca	ggggggaatc	cccccnatnc	cggnaatttt	cccgggaaaa	tttnccgggg	120
gccaacccga	aggggaatttn	ggtaaagncc	aaaaggtttt	ccaaggccta	aattggggng	180
aaatntgggg	ctctttcnct	catcnanggc	actactnct	cgctcntaac	aanannannn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	ntacntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntcctact	360
cctacatatn	gacncnctga	ntnttnnctn	anacnaancn	ncntntnnna	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntacn	ctacnnatnn	ccatnattat	cgctcnatnt	540
ancttntnat	ttactacang	antgntctat	catnctcnna	tancnacnnc	tctnntccat	600
actnncnatt	tgacnacngn	ancatngttg	ttctccttat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntgttaa	ctatattaac	cgtnccgnacn	780
tanacatcaa	gntnacatac	ntancngan	acataccaaa	ncnatannnta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	ccctttatga	900
tactaccaaa	ancatnecgt	ctacttctct	cactcctnac	ncatacnant	nttgcatng	960
cnatcncacg	tannnncccta	cactatagct	annnttgntc	tenttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnctctgtng	tnaaactcca	cgcatntaca	1080
ccgctcnmaa	nctccctacc	canctnnctn	tatcccttcc	nnntnaann	tatangtctc	1140
tatatacnct	ctncanantn	acatctntta	ttctccncta	tgctccctttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactnccgn	tctanantca	tcnanntant	1260
cananantnc	ntacnnantc	ancttcttta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntncnn	tntctaaatt	tagttncttn	cctcncatgt	nttancncaa	nacactntca	1380
tncatgcann	ttcnatacna	atacntannt	acatntcatn	canntnnatt	actnaangac	1440
atancngcca	tataactan	gattgtaaca	ttcatnanna	nnnnnngnat	ntacacntta	1500
ttctctatat	natacttgn	atntcacnnc	ttctntcnat	ctntacnann	tcangtttnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (749)

<223> n = A,T,C or G

<400> 4907

```

gnncttngaa tttaannccn ttngctactt gttcttttttg caggatccca tgcattcgaa      60
ttcggcacga ggttcctgat atggcnggct atcctcacat gtcgttacat tncatcagga      120
ttggatggaa catcattcag aggtcctttc acgggcaatt ttgaggaact gattcatttg      180
gaagaaagat taggcaatgt caatcgtgga gcatcccang ggacaattga aagatgtaca      240
tatccacata aatacaaaan ggttacaact gattggttct cacagaggaa actgcactgc      300
aaacaagatg gggaagaang gactgaggaa gacncacagg aaaaatgtac tatctggtn      360
nctatttttag aggaagggtga agatgtgaga cgtcttgcat gtatgcacct tttccaccaa      420
gtgtgtgttg accaatgggtt gattccaata agaantgccc catatgcaca gtggacattg      480
ngcccctctg ccaagtgaag gntgacacca tgttttnanaa ctnttgccct ccctctcatc      540
ccattacttc ctgntgctgt acttcaacnc nnagatggca tgacttacct gcgcagattt      600
ggaagcattg naacttataa tgctgnctnt gctatatggg acaacttatg cttagacct      660
cagtttatgt atcaagtggc tttgangtnt tatnaaagct ttttttctag attgacnttt      720
tcngctcant tactggttnt tgcnnggtc                                     749

```

<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (789)

<223> n = A,T,C or G

<400> 4908

```

ttatnctgtn nnnnttttna aannatagct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagccgga acaaggacca ggagggtgaac ttccaggagt atgtcacctt      120
cctggggggc ttggctttga tctacaatga agccctcaag ggctgaaaat aaatagggaa      180
gatggagaca ccctctgggg gtcctctctg agtcaaatcc agtgggtgggt aattgtacaa      240
taaatttttt ttggtcaaat ttaaaaaaaaa aaaaaaagcc tctagaacta tagtgagtcg      300
tattacgtag atccagacat gataagatac attgatgagt ttggacaaac cacaactaga      360
atgcagtga aaaaatgctt tatttgtgaa atttgtgatg ctattgcttt atttgaacc      420
attataagct gcaataaaca agttaacaac ccaattgcat tcattttatg tttcangttc      480
agggggagggt gtgggaggtn ttttaattcg cggncgcggc gccaatgcat tgggccccgg      540
cccacttttg ttccttttagt gagggttaat tgcgcgcttg gcgtaatcat gggcatagct      600
gtntcctgtg tgaaattggg atccgctcac aatttccnca caacatacca acccgggagc      660
cntaaagtgt aaancctggg ggtgccttaa tgaagtgagc taacctcaca ttaaattggg      720
gttgcgctca ctggncccct ttccagnccg gaaaccttct ttgccaanct ggcattttaa      780
gnaatnngg                                     789

```

<210> 4909

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1214)

<223> n = A,T,C or G

<400> 4909

```

gcncctcccc ctnttnnaaa ccnttnnaaa acccttggtt aaacccttcc nnattnctna      60

```

tnngcttggn	ctacctnctn	nacctnannt	nnnnatncac	ggntngcnnt	tttcnacgtt	120
ttnnccnccn	cttntncact	cagcaacttt	ntnacnctta	atntgcant	nntctnctan	180
cgggngggccn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggccntgnaa	240
atancatctn	tnatggntaa	ncacannttn	tccanagcnn	aatagnntng	gngccnctg	300
aanccccaan	ncctnattnn	cagcaccac	ctttattatt	nantatgna	tcataccanc	360
tcgannncct	atnggtggnt	ntctnggcc	antgnaatat	angccgcagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aatanttncg	ntcattacca	agtatnanaa	ngntatcttn	tncacactaa	ntnagcgngc	540
ncaaagntng	natnatcact	cnnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
ttttntanat	cnntatattt	atantcnant	tntantnnna	attcanntgc	ttgnnancac	660
atgnanncta	nnntantntn	annncnntat	netctttatn	gctnttcccn	tttnnantnc	720
anttagacnn	tacntnncnn	tnangcgcn	ntattaanca	acannannnt	tnnantcann	780
tnctctntnn	cgattctntc	gncnccntc	actgccnncn	ntnntcnct	nntctntccn	840
ntnctnnnnn	nngtchnnnnt	ntctcttct	tcagnnctg	tcacgctctn	atantannac	900
gtatactntc	tnctnntann	atactcgana	cacactgntg	atatannctt	ntntacatct	960
atcantacgn	ncnanatcat	anantnntcn	atanctctca	cactctntca	cgatngtntc	1020
atcgaccac	ttcgnnactc	atagatntnn	atatanntac	cnngtgntan	tctnntnnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnc	natntcnct	ctcnatnatn	1140
nantnacact	aancacnata	cncactaact	atattactcn	catntcanen	ctactctatg	1200
actctancta	ngcc					1214

<210> 4910

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1192)

<223> n = A,T,C or G

<400> 4910

gnnaaggggt	nnncnttntc	ttnttetget	ttgngtcac	gtcntegaen	gngnctcnngn	60
ctgntctaga	tgacctctcc	gctttttttt	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgctcaact	aaacnncccc	180
tgantctatat	gcgctaggng	aagcatgctc	ntncactaga	caattgactc	tgctttagnt	240
aattccnatt	ccggaaactc	gcgcaaccgc	gtnnccctggg	gacctcctat	ctcntngaaa	300
cgatgaaaaa	gccccaccct	tttagngtcn	cncctngagg	aaatnggcgc	cattgggcga	360
nattcgccct	ccaaaaggaa	aangnggggt	tagacncang	nccttttcac	ccctngggna	420
ggngttgnaa	ngggaatagg	gnctcnaaat	ccccnaatt	tcctnngngt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nngggnaaac	ctttncggga	atngttangc	aaaaattttt	tggtttgggg	gccttttttg	600
ggccntaagg	natttcnggg	ggntttancc	cccaaaattn	tttcgtnggg	gncanattna	660
ccaagngnnn	ccanttggan	accccaattg	gttgggccc	ncccttggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcnt	taaanccttg	gtnggaacct	ttttttggaa	780
aagggttttcn	ccnggggnnt	nccnttttna	aagggcgtta	atancccngg	ggtcttagtt	840
tnnggnanaaa	anccaatntt	nttcnccnaa	attgggtttt	ggggcntttg	gtatcccccc	900
gnaaattncc	aattncaaaa	aatttcccnt	ggggnnccaa	ttttncnta	ancccttttna	960
aaccgggttaa	aaacctnggn	ggggncnat	ttnttttngg	ggntnnaana	atttgcccna	1020
accgttntta	accttnttnc	ccctttaatt	cgngnttnn	ccccannntt	tttgtnngcc	1080
cctaaacgng	cntaaccagg	ggaccttttt	nggggaaanc	ctttntccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnacntggg	aggaancatt	nnttggggaa	tn	1192

<210> 4911

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4911

gcnccannccg	annnccncan	ccannccennn	ncnacncccn	aaacggnana	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnncnagc	nacngcncgn	gncacgaggc	ccatgtncag	nctccaagac	cnnccangaca	180
ccgcccgaatg	ggaagccccc	gnggncngga	ggcgcacagg	aagaagggga	tnggggagcag	240
aanaagccca	nggcccgaag	aagaccggag	gacccanaag	gncaggaaga	gacacncacg	300
cncgcncnca	cannnnccgn	acaaganacn	ancangggga	gcgacnagcn	aacannccaca	360
gnangagaag	ngancacccat	gngcgacgna	nnccacacgca	ccnagcgngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagagggn	ncccccccgg	canaacatgn	cancnactac	accngncnna	cnaagggggac	540
tcaggngata	ngaaggcncn	acancgceng	naggnaaaac	nngcacacnc	nggaaacnnn	600
gaacctgtga	angnnnnncnc	aaaaaaacnc	canggggnaga	aaagagcaaa	gngcgngcac	660
gcagggggnnn	cgnaannana	aaaccnngc	aggngaaaac	cacngggcta	naaccaggnc	720
ncaagngnac	ggaanaacaa	cgagcnaaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nanccncang	ncncacgcan	gggaaacnan	cgnnnaccga	naaaaggggc	840
aanngagncn	ccnnggggaa	aaggcaccaa	naagctataa	cccagagagca	gagnnnanng	900
ccccncgcca	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaaangcg	tggnacannn	caaacancna	acnccngnna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttgttct	ttttgcagga	tccctcgatt	cgccangagg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtggagt	tgacananag	ntaancagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnatthttaa	aggcaaagt	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtatttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttgtt	nnctnaatgt	540
tctccangct	attgtatgtt	tggattgcag	angaatttgn	angatgaata	cttnntttta	600
atgngcatta	ttaaaaatat	tgagtgaagc	tnatngtcaa	ctttattaag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 4913
 gtnactaatg gctgggctac tcgttctttc cgcaggagcc cancgattcg tcnagtgnctc 60
 gnggnttgtn antntnngcc nnggcantna ttnattgncn ntngatgatt gatatacaaca 120
 nttgaggtaa aaatatncat gaggtctaaa tataacatgt aaatgcaatn tcatacttta 180
 tttncattgg caagataaca ttgantaccn atactgnggt atttgacaaa caagcttgat 240
 gcatcgtgat ntcnncntta tttccctttt ccttgnttta aaaagatgca ctgcgttgtn 300
 atncnnggn natatganta ctatgngcac naaaacnana anntcngatc attcgantag 360
 aggganaatc nganctncan tcncattcgt tctnattcng nngnanggat ctngtaggtc 420
 ctccnttctn agatgtggnt ttaggccagc agcntaggca tccctgagac tccttataaa 480
 tgcataaatc tcaggcncag cccagatnac ttggagcata atntgcagtt tgcaagatcc 540
 ccaggcaatt catgtgcatg tgaaatnngg acaagcacct ttntgggcga tgcaaagcca 600
 ctcattctcg cgtgcctatn acggttttca aacacatcgg atcccatctc aggagcctga 660
 cccgtgtnta nctanattaa ncttcaactgn tgatcttnat gatgcataatn a 711

<210> 4914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4914
 agagnnnnnn nnnttgctgn ntactnaatg gcttggggtg gttgttcttt ntgcaggag 60
 cccagcgtat cgccgggtct agccaacatg tgactacaac tgcataaag accttaaatg 120
 agacctactc agccaaactc ttcctaagtc ctgtccaaac aaaaccatga aggataagaa 180
 atgggtatta ttattttaag ctaccacctt ttggtgtgat tattatatgc aataataggt 240
 agcagacact ggctttgggt ggacatgtat gttctctgca tattctgctt ttgtgcatgt 300
 ggagaaatgg gctttctggg ctgctgacaa tgaggaggta gagatgttgt tcaggcagat 360
 gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcetta caaatgctgg 420
 ggttggttta agaaaacaga actcttaatg tttgtaaaca ttctgtacg agagttcatc 480
 catcatttgn gtctctctag aaaggctcata cgcagaaaat gtagtggtgt agcaaaattt 540
 taaacttttc agactggcaa aaccctttct ttaatgtata gtattactac tcatgtccat 600
 tatgaaccat gaccagggga gactctgctg anacaggctg catctnctcc accttattcct 660
 nctaagacan gcttctacct aaggggacat agaatttacc cctgtttgtn ggggtggtgtg 720
 gattcttncc aactgnctta atccactgg 749

<210> 4915
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 4915
 atccctcnnt tntcaantca tattctctcac aagcannctn tanaatntct nancactttg 60

```

ttctntcncg cnaaggngga cgcgatntga ggacttttggg gnnnntgann acttggetga 120
ttcacatgcc anggcctngn angaagcagg agaaaggana nngngacng acttaaactg 180
gtncaatacc atccttacc cngaagcta tccanagctt ctgagagngt tgcagaanta 240
caccaantac acnaancatg acatgaacaa agntctngac ctngagnaga aaggtnacat 300
tgctaagtgc cttnacagct ctctgtgaacn gcgccacagg cgaaccagct ttctttgcag 360
agaagctcta tcangccatg aaaggtgntg gaactcncca tanggcattg atcacgatta 420
tggntncccg ttctnaaatn nacatnaatg atntcanagc attctatcag aagatgtatg 480
ggntctnctt ttgccaaacc atcctgnatg aaaccngang agattattga agaaaatcct 540
gn 542

```

<210> 4916

<211> 1285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1285)

<223> n = A,T,C or G

<400> 4916

```

gaaagnacna aagncagctt gacagggatt tnaangnntn ggaacncnnn ttctcnaagc 60
ngnntggctn ngatnannta tanatatgtc ttncatatan angaacnaaa ntatntntgg 120
gnngggnttc tncctngagng atttctgtna ctctngantt nntaatgcnt nananntgtn 180
ancgantnng gtnaattggn cctancagca ncatgtancc ntaaaaacgc atncnatatn 240
tcttancnch nagnggtncn ncgcnattat ctaatgnctt cttnaactga nntntaangg 300
nctntgtant ncgngaantc ttaagttnat tcacgncnta tattctaant catgttccaa 360
nnnncctatc ctgcanaatt acnctgcnnn tgatccntgg catcnnggaa gntcantnch 420
gnncaattat tcatnatatt gtggcattnn tctnattnna tactancgnc ntcnctntan 480
atatatanaa gncngcaanc tctgtngaen nncctcnaat ntgacnnacc cgtntattat 540
atgcatnaac ccntatectn atcnanctct agtgtggctc ttaggcaccn annatttatg 600
ggnacccctgt gntcaaattn ggntctccgt nanctnacng ctctcnattt aangntnang 660
nctaactnaa ccntctttgc tgggtacaat anggcgnacn ctccnctnnn nacatntttg 720
nnanaaagnc tacntgggnt cactatntna nanctacncc ttttatcggt acntngcgta 780
atnattgncc atatgtgata cgngnccaac aaaatgtcac tntatataen tntggntcnn 840
acntcnncgt tanncnncct atntaactnt cannttttac atanannctt aaaactnttt 900
gngcaaacaa ccaatnggng atcttnnnga aaaattanca tnggtttttt ggetactttn 960
ctatntcatt naattaccgn nntatctcna ncntanntaa ctacnntttt nanaaaggng 1020
tcaatgggtg tcatctctca gngacaccct cncctatata ncatnctnta tntagtataa 1080
tctcanaaaa cncctccctc naaancttnt gggnacntna anaanacgtg actntcannt 1140
cgaanccttg nnttntttaa tnnnggatant agggnggtac naaaaaaann ngtgtttata 1200
aacncancnn ttnaanmmt tctctatatg ngcaatttcn acggtattnc tnncnngtcc 1260
ccatatatac tanatcacan tatnn 1285

```

<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4917

```

gnnncntnnt tncngccttt ngaanccenn agttccaaat gctgggttnag atcagctctt 60

```

gttcttttttg	caggaccctc	gtcanaattc	cnacagggag	anttcgggna	ntntttannn	120
ngagacngag	tctggctcnn	tngccagecn	gaggcgggan	aancncctga	acctgagang	180
tggacncngc	gctgagccga	nacntttaca	ctgcactcca	gcctgtcnac	agantgagac	240
nnntntctcaa	agnatgtata	atnctnacaa	nnnctccacn	ngancaaann	nnnangannc	300
cggannacgg	agnctcctnc	cctnaangan	ccntggaaga	atggagncac	ccagnngctc	360
natttntggg	nntnnnnact	tnngccgtna	aatggatgan	caagggctca	ancagtnccc	420
tncataatct	gccctnaacc	cntncaaann	aacatntnnn	gccantctnn	cttcanaaac	480
nggaaggagc	cccnatgac	atnccagtcn	nagccccan	cgaggaacna	ggcnnntgnc	540
ccnanntgag	tgcnagnana	agggcnccct	gccanagccc	ctgccggntt	tcntncaana	600
anggaaagaa	nangaagcaa	ccntggaaac	tcgctctgcc	aangagcncc	nngacaangg	660
ttnaaccggg	nggccnnnt	ctgagcttng	ccgccntttt	ctgngggncn	nccccaagaa	720
gtgtttacac	cccttaatcc	ccnctttanc	nctngatttn	nggggggnccc	naaccgggat	780
nn						782

<210> 4918

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4918

gnnnnnnnnt	ttnnngctnt	tgaaaacccc	tttgtttcaa	agaccnagtt	cttgtttcttt	60
ttgcagggat	cccatcgatt	cgaattcggc	acgaggtcac	aggtaaaaaa	aangtgcgtn	120
ataagtnttg	ttatcggtgg	actttataaa	agcaaangaa	attgangtaa	cttttgattc	180
tggntcaag	attcatnttt	ncatacaggt	cataactgnc	ttmntgnaac	cctttcacag	240
ggcactgnnn	gatgggatta	aaggtggcaa	ttactggata	actgcacatg	cctctacttn	300
gttctaaant	ctangtcatg	aggtgatttg	atttacttta	tagangctgg	attttgaaga	360
tctaagttna	aatgtttatga	tnatatcagt	gngtncaaaa	aaagcaccag	caactgataa	420
aaatcgcntn	tttgtgcgct	acccaactgg	ttaaagccaa	tgtgatcttt	tatggngaaa	480
ctcctaagan	acangtggtt	ttgctgnaaa	cttgncanac	ccttaattat	agncggtgct	540
aatgagccta	ctgcaatata	aagccaccat	tnnttttttat	caaacatctg	aattcatttt	600
acaaaggcta	ttgttagggc	attattttga	gcactctattt	tgaggtgatg	ttnanaaaaac	660
tttaacntca	aatcaaattg	aaaattaatn	taaatatatt	gncttaagga	ccttctaaag	720
aatgtgccac	cagactttta	tggatagttg	cnannatcct	tgntaanaa	caaaaaagtt	780
gcttaaacad	ttctttttaca	aganggnntt	tt			812

<210> 4919

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4919

ttctaattgcn	aggttctagt	nctgttgaan	nccnngctat	tngattcggc	acgaggncct	60
ggctactggg	gaggctgatg	cccganaanc	atgttggccc	aggagtnaag	gctgcagtga	120
gctttgnttg	cacngntgcn	annncatnct	ggccngccca	nngngncccn	gccacaccan	180
aaattatgtn	ctnagtntan	nngentenga	aggcctantc	tcgnaccaga	gttnctctta	240
ctggattatt	tttagattgt	tattaacatt	nctggtctnt	anctttactc	agtctggatn	300

```

agaaaaagaa taccatgcaa ttgttaacta ttngatgttt actagattaa ctattaatat 360
attgttgtgg tccatattta agagttactt tgttntctaga gatttcatta tagtggnngnt 420
taatatantt ttgggtatatt ttaactaaaa atcattgcta tccttcaact gtagattcta 480
ctatgaaatg aggaaaaatc agcaatagaa ttaattgggt tcaaagtata taaataatga 540
tgtgggaaag ggaagtcnga gggatatctct ggaagaactg atttatctga aggtaatact 600
gngtgaaaga acctaagatt gtngacanag catgcttnat gcaattntgc tgggtccatag 660
tagtantaga ggctctataa aatgtgttgg ggtgtttttg ncttttaang agacnagtgt 720
ctcgcntnat tggcccagga gtttcaaacc tgnagtgcc cngtggnntn ncacctgtga 780
nt 782

```

<210> 4920

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4920

```

agggnnccnn tgttctctcc tnaactcnnn nntgncagcc ttnntcgcc accagaaggg 60
gtngggccgc gctgacggcc cagntggcgn tttntctcca ttgtgtatat gtacatagnn 120
tnnatcacta gattgnacnc tcctcanggg cacgaaccgc aacatntatg cngtgcctgc 180
ancncctaat gtgaanngcc tggcacactg gtagcgtgca tcatgaccn tngaattgngn 240
gagtaacnac ctgccnnanc acgatgnnat gcngttcacn tcccctgtgn acnnncncgc 300
gnngcaantc ctgccatang agggcgngat tccaacncgn gggnnnactg gcncanctgg 360
gttgnaccat atcatccac atccnnacca ctngctaacc canntcact gnagattacc 420
tgtcagagac ctgcgttcgc tatctaatat tcgngctgag gntcctagga anatctggaa 480
ntggggaaga ttatggagaa aatgaaaang gaaattcggg gagggngggt ngcagtataa 540
agccctgtgg gggaaaacat attttagctc ttacttggtg aaaagggtna ncagaacctc 600
tggtttcttt accaangtcc nctggntngg nccatttctt ccaattggat gaacnacccc 660
tttgggtttt tannctcctt tncatcaatt tggggaattc cccnntcnaa tnggctttac 720
natngaantc tgggnanctt naanangtcc taaatanaan ttncctgggg naatntggta 780
c 781

```

<210> 4921

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (730)

<223> n = A,T,C or G

<400> 4921

```

cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
gagaagcgta tggccacaga agtnngctgct gacgctctgg gtgaagaatg gaagggttat 120
gtgggtccgaa tcagtgggtg gaacgacaaa caagggttcc ccatgaagca ggggtgntng 180
acccatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana 240
actggagaaa gaaagagaaa atcagntcgt ggttgcatgt tggatgcaaa tctgancgtt 300
ntcaacttgg ntattgtaaa aaaaggagag aaggatattc ctggactgac tgatactaca 360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
aangaagatg atgtccgnca agtatgttgt aagaaagccc ttntataaaga angtaagaaa 480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540

```

aaccngcggc	gtatttgctc	tagaaagaag	cancgttccc	tngaaaaaan	tnnnngaaga	600
aggcntggan	gaatattgct	anaacttntt	nggctaagag	naatngaaan	gatgcctaaa	660
nggaanaagc	nccaaggaan	caaaattggt	naaagnagac	nncnnacntt	ttcctnttgt	720
ngcnaagcnn						730

<210> 4922

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 4922

gngngnnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnngnnt	ttntnatata	60
gctcttgctc	tttttgcagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tntnnccgnt	tccgngtnnt	cnnttgagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	gnnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcttgc	ancggggtcn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4923

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 4923

gngngnnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnngnnt	ttntnatata	60
gctcttgctc	tttttgcagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tntnnccgnt	tccgngtnnt	cnnttgagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	gnnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagccgntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngcttgc	ancggggtcn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4924

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4924

cgggnnnnnt	ncntttcntc	ctaangaaac	ncttntgant	ggcntggeta	cttggtcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttctaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcagggt	300
cagggggagg	tgtgggaggt	tttttaattc	gcggccgcgg	cgccaatgca	ttgggcccgg	360
taccagctt	ttgttccctt	tagtgagggt	taattgcgcg	cttggcgtaa	tcattggtcat	420
agctgtttcc	tgtgtgaaat	tggtatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagtg	taaagcctgg	ggtgccta	gagtgagcta	actcacatta	attgcgttgc	540
gctcactgcc	cgctttccag	tcgggaaacc	tgctcgtgcca	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagaggcggg	tttgcgtatt	gggcgctctt	ccgcttcctc	gctcactgac	660
tcgctgcgct	cggtcggtcg	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtaatac	720
ggnatnncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaaccccttg	ggaangnccg	60
ggacgggncn	cnngngccgn	nccncaacncg	cncncnnnac	acccentttt	nccccatttt	120
tancaaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagncccc	180
nnccgcnngg	ganncanang	ngcngnnaag	naaccngng	cnncaancan	ccngngcgng	240
cccacanaca	cnggccanaa	gananaacga	agcgnacgcg	gncgaagncg	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaaggng	aacngacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnngcca	naangcggca	canacgncnc	ggggnnnnncn	anccgngncc	canangnnna	480
gacnnggna	caccnnccca	cccncangcc	nagannnnan	aannccnagn	naccnagac	540
annacnnnnn	gannnccnnn	cnanccgagg	nacannnnng	nanngnngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	nccncccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gccancnaa	nncaacacna	agnnnaccan	720
acngcncnnc	gnacnaaaacn	ncacgcncgc	ggagcccga	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgnccnnn	cgcgcgnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggngangng	cacgaancaa	cggccannng	nnganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacgngcga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaanng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanacg	aagnaanacc	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnaa	gnanccanc	gcncnngcan	cagngcacaa	naanncggn	nccccgcga	1260
aaacngcnac	agnncgcaac	gnangncncn	acgccanacg	cc		1302

<210> 4926
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4926

tgnnngnnta	gacagctct	tntctttntg	caggatccct	cgattcgaat	tcggcacgag	60
gctatttgtg	ttttgttgca	ctgttntttt	tgtttgtttg	tttgtttatt	tggttggctt	120
tttgagagg	gaaatggggg	tgaaatattn	ctttattgnt	gaatcatttt	gtgaatgtcc	180
ccctcaaaaa	aagctaattg	aataatttggc	ataaagggca	ttngntgggt	ctatttttgt	240
ttgaggggna	ttntcagaaa	atcccttttc	tctcttacgc	ctaactgact	ngggaacccat	300
tgangatntn	cntagcnttg	gaataactga	cattatntac	tctnacnaat	aacacattaa	360
gcnagaatna	ccaatnttcc	nanaatnngc	ncttgatcac	aaaatgtgan	nnacctntna	420
atgtnntana	ctttatcaaa	ttnagtnnta	ttttccctt	cnaaatgtcn	ccctttcccn	480
ggcatttntc	tcnttaaaaa	tattggtntn	ttccctgaca	taccnatttc	catngttcaa	540
cagctttgtg	nccnnagnta	taanaanttt	ttgnanccct	ggananattt	tcaatnncgc	600
cnatnangta	nccnttcnan	cantgttngn	gnaaaacccc	cntngcaagc	ccntaaaaan	660
gttaagcctt	anttgntctt	aattncnctt	tnnnngcntn	actaanncn	catnttcnna	720
nttccttnaa	aaatcntntt	nggagcccn	cccttntntt	tacctttgna	ntnnnnccca	780
aacttcann	nttatccaat	nctgntttnn	ccnaaacn			818

<210> 4927
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4927

atcagntctt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	gggtgactgt	60
ggagggcgag	ctgagccctg	gccgccgtca	caatgggccg	ngagtgtggg	aatctgacgc	120
ggatgcggca	tgtgatcagc	tacagcttgt	caccgtcgag	cagcgcgcct	atnccacgtn	180
ttcactaaag	gaatcccca	tggtctgcgc	cgcattcggg	agtctttctt	tcgcgtggtg	240
ccgcagtttg	tagtgtttta	tcttatctac	acatggggga	ctgaagagtt	cnagagatcc	300
aagaggaaga	atncagctgc	ctatgaaaat	gacaaatgag	caacgcatcc	gnatgacggt	360
tcctgtctc	tgaaagacct	ttctctggaa	gaggagtctg	cattgtntgt	ctcaaagaca	420
caataaactt	cctatggtct	gcanaacaca	nnatntntta	aaaattttaa	aattanctgg	480
gcatggtggc	aggtgcctgt	attccactac	tcanganct	nangccgaaa	tcnntagaac	540
ccnggacgtt	gaagtttcag	tnagctgant	cnttccactg	gacttnaanc	tgancnnnng	600
antgtnactc	catcccaaat	tnnaaanang	tgggantatt	acttntcntg	aaacntgcgc	660
ctntangcca	attcttaann	nnttangtgg	naagaacatt	tancccgna	tttnagggtt	720
nntnacnatg	ctgngggggn	nn				742

<210> 4928
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4928

aaccggggtgg	gccccttttt	tgaaaggntt	tttttancec	ttngttnnnn	cnnnctaaat	60
annngggntn	catcgntcg	ctanngccng	ntntgggang	cnatgntata	cttgggtacc	120
ttcctatgnt	ccttctcaca	gcaaaactnn	gggactgac	atttgaagtc	acccctctgt	180
gtcttcttgt	gaaatggctt	gggcgtctct	gggctctgac	ttgctcatct	gggaagagat	240
ggggtanagg	gagttggatt	ataaatcatg	cttcactcag	tcaacagaat	gctactcagg	300
cactaaaaat	gatggcgtag	ccctacgtat	tctgacatgg	gaagatggcc	acaatatctt	360
attatgtgga	aaaaactagt	tgcataggat	ttatggnttg	attacatttt	agtaaaataa	420
attcatttat	ggtggtatat	gcaaagaaaa	aataatgccg	ggcgcantgg	ctcacgcctg	480
taatcccagc	actttgggag	gctgangcag	gtggatcact	tgaggccagg	aggttgagac	540
cagcctggcc	aacatggtaa	aacccccattt	ccattaanaa	tacaaaaaat	tagcaccaag	600
cgttggtggg	cacngtgcct	gtagtcccag	cttactcagg	aggctgagat	gggagacttg	660
cttgaacctg	gaaaggtgga	ngttgcggtg	gagcccaaga	tcacgccact	gcacttcggc	720
ctngggctac	agnccagact	ctgtcntcaa	aaaaaaaaann			760

<210> 4929
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4929

gnngaggnan	natttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atatttcanc	gggatanaac	agnccaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgctcaa	gactgactct	gatagttgta	gcanttttcc	cttggggggga	agttnnnnngt	540
ttttnaanaa	ggatggggtc	cactaccac	ttgggggaang	ttgccattt	tcnnnccgggn	600
accaatgnngn	nnngggggtn	aaccncagg	ngaacnaacc	antcgccttg	gaatgggnna	660
cctngnnncc	ttancaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggtcccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4930
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4930

tcnccccnt	ttgaannccc	ttntnttaat	nnncatanag	ctacttggtc	tttttgcagg	60
gatcccatcg	attcgaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgtccagatc	acaggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgtctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gccccaaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgcagcaaac	acctggttgg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcatcca	ttaagcgtc	agtcattggc	tcctcctgtc	tcataaaaga	tagagtgact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aagggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgaggtga	tcgtggggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncttt	tggcctncaa	660
agccacagat	gttggggccg	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcatgcttgg	anacttgtgg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtggtaca	caaaaaaaaa	aaaa				804

<210> 4931

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(887)

<223> n = A,T,C or G

<400> 4931

gnagnagnan	natttnnaga	nagcnnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaa	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgccggac	atattttcanc	gggatanaac	agnccaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tctgtctcaa	gactgactct	gatagttgta	gcanttttcc	cttgggggga	agttnnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgccattt	tcnnnccggn	600
accaatgngn	nngnggggtn	aaccncagg	ngaacnaacc	antgccttg	gaatgggna	660
cctnngnncc	ttancaancc	tcttcnagaa	agggcnttcn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggccccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttnccctng	genncccaac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4932

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(807)

<223> n = A,T,C or G

<400> 4932

nnnnnnnann	nnnnnnngnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnna	nnnnnnnanna	60
gttgaacgca	ngaaagccgt	ggnaaggcgg	gaaccaaccg	aancngggaa	nggcnataac	120

aannagnnga	tgtgnccagn	nctctgnatc	tnngacttng	atgctanata	catcatgnca	180
tnngnngctn	ctaagggaa	aagccataga	ggctncncca	ggtagaaaag	aacagtaaag	240
nacctggaaa	accaacattn	nngaattgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccagaa	atnagacatt	360
actagnngcca	tgtataggac	ccaactgagt	attagaatca	gmnngacta	tgncnnngna	420
tngcctaaat	ctgttaatgc	ataaaccgaa	tnaggggtcca	gnnggcctgt	naatggtaaa	480
nntacatnan	aaatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tngggnaaaa	ctgatnaatn	ngcaaaactng	agnnggngna	cncacagacn	aaagnangaa	600
ccacagnnaa	ctagggggac	caggnggnaa	ngggaaaaca	cncacaagng	annnnnggnnn	660
ngggnaaagg	ngggnnngaan	gganggaaaa	ngngnnnnnag	gaggggaagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaagn	aaaannnnng	gcnggaagaa	ggggngngna	780
accgcaaacc	anngccnagg	gggnnnnc				807

<210> 4933

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (925)

<223> n = A,T,C or G

<400> 4933

cgngctttaa	ctnttnaaac	cctttgcact	tnncctttnt	gcaggatccc	atccgantcg	60
aattcngcac	gagagagggt	ggggtctggc	cacatagggt	ttntngnggc	tctggntctgg	120
ggntagacac	tgacaggac	tagnattnat	tggacttgc	aagacagtcc	ctcanattna	180
gcaactnctt	gcntnntatg	gtngcatta	tgaagccanc	ntagnngnnng	taaaantanag	240
ccctncatct	ntnctgngna	gccccntcac	tggtctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaaggga	anntctngaa	cnggntagca	360
agatcnaanc	atancttget	gngctnccan	ggnacncnan	cctnanncnc	tgncnannng	420
cnatatanac	ggtcangggg	ctttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntggn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtntctcacc	540
aanantnntc	ccnccganna	actctaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnnat	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnctnttget	ngcctccgat	cccactngcn	cgcncnttgt	720
ntnnngactg	ccccctngn	ncttntctctn	gananattct	tnngatacta	cccaaattatt	780
ntgggnnanc	tactgcacat	ctnntcannt	nnnncgcatt	tcatnatnta	tantcancnn	840
nncaatnctn	cnngctnctn	cttacnaana	ntnncancatc	gcggcggggc	gnnncncatan	900
tannncngnn	ncannnaaag	nngcg				925

<210> 4934

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1025)

<223> n = A,T,C or G

<400> 4934

gtnttcattn	actttctntaa	tnnnntggga	ntctctgaan	gacncnatng	antngnnttc	60
ggcacgagta	ctgctccttc	attcccaagt	aagaaangnc	aggntctgct	acttccaaaa	120
ctcagncacg	acttgaaggt	gaantgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgacatctgn	cattaagctc	tccaaacata	aagctgaatc	tnactagccc	taaaaggggt	240

cagaatagat	aagaaaggtg	ganagaagtt	gtncnaaggn	catagaaatn	gtctgntcca	300
gcctcantgg	tgtcnaggat	aatggcgang	aggaggatgc	ancattcact	tgcaatacca	360
ngatgtttac	tggancccat	anttnatgt	ggattnanac	naataangat	aangaaatgg	420
gcnaangaag	aattggatnc	ancaattana	gggggtcggn	ncaatgnaan	tcatacnang	480
cantattgct	aattttcaaa	cnttaattnc	aatgcaaca	ttcatntnct	aggatncctg	540
gntttnnngt	aaacttnggt	aanaaaacttt	nggattttcc	tnaanannan	ttcaatnntt	600
catnatanca	tcccnttngn	acnaggntac	tcctaanaat	ncnaatttnn	attgcnctaa	660
accnttntnc	tcaantctng	gggannttaa	tgggnntcnc	cntatantag	tnatntgaat	720
ttttctaaga	tcacanaaaa	aaatgggcca	tttgtctcac	atntatatgg	nggatggcct	780
ctcctnaaaa	cntccttnnt	ggggtanaat	accttttnnc	ncacaangng	cttacatcnc	840
taantcntct	nttggtatat	actnatacac	agtatttnct	ctaanancn	nccgngnttc	900
taacattntc	naaannnctc	tttaaaaatt	ctntgnanaa	aattcgtngn	ctcncnntat	960
catcncnant	tnataatnct	ngtantnatt	ctnttcannn	acaaaatagc	cctcncgntn	1020
gntcc						1025

<210> 4935

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4935

antgangnnn	ntttcnnaga	gncagctctt	gttctttttg	cagggatccc	atcgattcgc	60
tgaaatgact	tccttaggga	tagagctaag	ggataataac	ttgcactaaa	tacatttaaa	120
tacttgattc	catgagtcag	tttattgtag	tttttgattt	ctgtaaaata	agagaaactt	180
ttgtatttat	tattgaataa	gtgaatgaag	ctatttttaa	ataaagttag	aagaaagcca	240
agctgctgct	gttacctgca	gaactaacia	acctgttac	tttgtacaga	tatgtaaata	300
ttttgagaaa	aaatacagta	taaaaatagt	tattgaccaa	atgctaccag	gctctgcagc	360
agctcggggg	cttataaaat	gttcataagg	atgttacaat	ataattttgt	gttataaaat	420
atgccattat	aattatgtaa	taaccaaaat	ttcaacctag	agtgttgggg	gttttttgga	480
aaccgcagtc	tattagtact	caatgggttt	atacacctta	cttctgacag	agcggggcgt	540
atgctacgac	tacaactttt	atagctgttt	tggtaattta	aactaatttt	ttcatattat	600
attggtgcat	ccctacttct	tcagtcaggt	ttttttgtgc	ttacaatttg	tgataactgt	660
gaataactgc	ttaaaaattc	acccaaatgg	gangctgaat	tttttcttca	gccaaaagta	720
agttttgatt	aggaactttg	gttcaaccen				750

<210> 4936

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1500)

<223> n = A,T,C or G

<400> 4936

cgcccttgct	caaaacggcc	ttngncccca	aatcagtctt	ggaaaancct	caaatnctct	60
ctanacagaa	tnngngctng	gggnanncn	cnttnncatg	gnncggnttt	atctcnactc	120
nttttttatg	aggctctttt	tttcnatctc	tanganncct	tctaacnggn	antannact	180
cncggggngn	antcnnnttc	gnggggngtn	nactaanca	annntgnnnn	tctatanatn	240
tttanntnct	nnacatncca	ctcntntant	cctctgnnaa	tnccnaacat	nnatacnent	300

```

caccnnttta cnetanencn cannacanac ctatctnate actcngnnnn cnnnaantcg 360
gccacataat catnctnctc acnnntacta ntncntcatt ctenacnntc tctnttctnt 420
acnatannt ntanctectn tttctentnt tctctcncnc ncantttctet ancnctgect 480
aatanactta ctnnntctcc tenntncaca agtcngtacn tccgtctccc tntnnatnac 540
anactatntn ctentatnnn acannncttn catatnnntnn natnttnnac cnntncantc 600
nnttacntnt cctnnncant agntctantc tntactntta ctctnnntnat ctntctnttc 660
anctantnt cacanctcan ntctatntt ngncntctn attcanntcn tcttatntcn 720
gnacantctn acncannntc tccnnctnn tntcatanct ctntnnacnt ntaacctact 780
antcttnnac tctcgtntta cctactcncn ctntantgnt actntacctc ctantaatct 840
atnctctctn gntntnnnac ctcacnactn ctctatacnn ncgatnanag ntntnacaat 900
ntctcgttag ttanangtnn cgcgncctac cmnnatacnn ntntncnttn anactactct 960
ctctctctaa ncctctctgt cntatactat actcnatcna tatgttnatn catntctctc 1020
ncnntnannc gtngttntnt accctctntn tatctntncn ncngntcaac nnncttntna 1080
catnncttn acncatatnn atncegntaa tctacatncn gctctnctct ntncctcaca 1140
tacgctccnc nnantcatct tctnatattn aatgacacnt atntcatnt acgtntnttg 1200
ntantttaat ccttttccat aatctactct cttatnctan nngctctcnn cnatanctat 1260
nctcnatatn ntaactctcn nnnncaactac ngatcctaag gtntntctn ncnntnangt 1320
atatctanaa tnnantctt ttncnataaa cttnnangcct ctctaantcg acagtctnct 1380
ctanatanta nganaccaan atccatacct ntntcttttn anatactntc nattgactaa 1440
ctncttnta taantacgta tcnatnccan atatcttgcg tctctntttc ncnccccgc 1500

```

<210> 4937

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4937

```

ttgtanctaa tgctgggtgg tegtcttttc tccangaccn agcgnttcga attcggcacg 60
aggggaaggt ctggctccag cttgagccca ctcacaggat gtcaggggga agtgtgacta 120
aggtcacggc cagccacgt ggtgggcccag ctggatccag agcaggggccc gttgtggcca 180
cacatcctga gtttccatgg tctaattgcan tgggcttgaa aaaaaagggg ggatgcagga 240
tgctggctgg gactgtggag tgcgtgggca gtaagtctta agtgacagtg ggtggagatt 300
acagcatttc atctgctttt cctttgacac cttttaaaga tacaaccac agttttcaag 360
ggtttatgcc aatgtctgct agagggatct tgcagtagat cttaaaccct atagtattct 420
taagagcaca aggaaattct tatttggtt ccatcttaca caaaggtgga aatttaaac 480
taggcttgan atttgaaatg ctggtcacat ttaancantt tatttngggg gggtaatttt 540
ttggaaatcn gtctttaant nanttttaaa nanngtttn cncattttt naaaaagggg 600
ntacctttnc antttngntc ctttcaannt tttnnntttt ggnnaaaaaa tnttnnnngn 660
ttnaaatgga atgtttttta ccagggnntt ggggnntttt naaaantttt nnaanggggn 720
ntatntntgg gnncttntn naattccagn ttntnccan nnttngaant tttnccccct 780
tnntngggna aaaanggna ttgntttttt tn 812

```

<210> 4938

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4938

ttgaaacctt	ttgaaacctt	tttgcaanct	acttgttctt	tttgcaggat	cccatcgatt	60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtgcagcaa	120
accaccatgg	cacatgtata	ccagaaactt	cacattctgt	tcatgtatcc	cagaatttaa	180
agtaaaattt	aaaaaaagaa	acgtactgga	aaatctgaat	agaccctctg	ctggaagcat	240
tatgaaaagt	aaataaatgg	atatactgca	tcatcctcag	aaaaaataaa	aaagaaagaa	300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tgggtgtcaga	360
agagttgagt	gtaatacact	gatggtatgc	acttgatttt	agaaatatct	tactgggtgac	420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aaatgtaagt	ttttatttaa	480
ttgcatttga	atttctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata	540
taggccttaa	atttctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat	600
tattatgaan	gtcatctgct	gtattacagc	agtccatact	cgattgttcc	ttctgtgtct	660
tcagataggt	tctttttctt	ttctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc	720
ttattttggg	acatccatac	ngaggaattt	tatgggctta	ttaaaaggat	gcttacagga	780
gat						783

<210> 4939

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1150)

<223> n = A,T,C or G

<400> 4939

tnccgttnnn	attnnntgtg	aaccntttct	tcncacctnc	ctggntgnga	atnctgcacg	60
agaggcattg	nctgccttcg	gctttatttc	tgtctgactan	ntatctccta	ttmagagcta	120
cggcaatgcc	caaaagaaag	gctgcaggtc	aagggtgat	gaggcatnga	gccaaagaga	180
agatctgcca	ggttgtctgc	tatgcttggt	ccagttncac	cagaagtga	gcctnaaaag	240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc	300
nagtgcccaa	gccagttgct	gaaacccaag	cnagaagcaa	gttgttgaag	aagactacna	360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatttcna	gangcnccca	gctttcttga	420
aaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc	480
nannaanaag	ggggtnggga	tgaattagga	annggaaanc	ccgttnncca	tgcngcgaaa	540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagtt	ttgcantnan	600
annattcnnt	anaccgnaaa	tnatcaaang	gggnnnngaaa	gccctttggt	aannaatgta	660
tgngtccctt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaag	tnnttngngt	720
aaaatangnt	aggggatttn	tcaacnaatt	tnnggganan	anattggnag	ggnaaanaan	780
ggngcncnna	taactaaatt	gcccnanta	tggtnaanct	tanntnntgt	nntngnatan	840
ngnggggnac	nntatattta	aaanggggcg	tgcgnaant	gaaccngggg	gtanaaaaata	900
tggggnaaaaa	aatttggggg	aatataaann	tantttgngt	atanaanac	nnttnntnan	960
anaggggggt	cttatanggg	attnngatat	caatnntatt	natggtgcaa	tgtntaanan	1020
cacnctcggn	aaaaatcggg	ttaaanaccn	nagggtcatg	anatntngtg	gnannatnca	1080
gntggttaaa	tttngtanat	atattttggg	ngtaaanng	tcttgcttaa	atngggnta	1140
ggtcatttcc						1150

<210> 4940

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (991)

<223> n = A,T,C or G

<400> 4940

```

ggnnngccgn nancnggacc ntcancgatn tnnacnnttt gnnnaaccccc cccccgagcg      60
cgggcggnga gcnnngtgata ttngannag atggaaacan ctcnagttgn ngccttttnt      120
gtcaccnnag tgcgaggggg ngnatnggt nnaananacn tcnctnccan gncctnctnt      180
anancaccca tctaaancac aaaattctntg aagnggccgn tcagtnnnngg canaccgggc      240
ctccnagnta tgtataccct gtctgttct atnggggatnt ntnctccatg tgagatatan      300
gatgcgtgcn atncgtaaaa ggnggtgcna gtgctncttg tnaggncccc acacattang      360
cgcttantcc nttaattagn ganccttgcn tcangggaaa ngggcttttc tatngaattg      420
ggaataanat aatgggntan nncctttttt naanctcccg agctcnanta angntgctta      480
atggngcanc tacaatnctc cganacttcc aatgtgggtt gtcnatannc nacccttnna      540
ttgncggggg ggtccaaaag aantgcaa atctacctct tgggcccatc caaangaccc      600
ctttcaacca tgnctctttn tcgnncgggg agagaaacna tnnccngggg ggtnaaaagg      660
cctccccccc cntntntttt caccccaana gggggnaata nanangttct anctccntat      720
nccttttcca agcctatttn ngttnggggn gggngttngc nntntctcca atangcccc      780
aaagnatttt catttgttta ananttccc nacnttcctt gattttttaa aanataaaaa      840
tgttcctnnt aagangaaag ggngnantt nntaaacnaa agcnnnaaga aagnagaaan      900
nccttttttag aantttnta nactnttcnc aaatgnngan antacctnat tcggggntgg      960
tnnctnntna tnttggttac gantggctgg c      991

```

<210> 4941

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1075)

<223> n = A,T,C or G

<400> 4941

```

cnnncttcnc ctcnntgaac cnntttgnaa accncccntn atgcaggatc ccatcgattc      60
gaattcggca cgagggtgc tggagctggc aaggtcacca ntttttgccc agaaagctca      120
gaaggctaaa tgaatattat ccctaatacc tgccacccca ctcttaatca gtggtggaag      180
aacggtctca gaactggntn gtttcaatng gccatttaag tntagtagta aangactggg      240
ttaatgataa caatgcatcg taaaaccttc agaaggaaag ganaaatgtt tggnggacca      300
ctnnggtttt cttnnntgcy tgtgggcanc tataaaggga ttagtnnnca aaaatcagta      360
cctttttaat gggaaaacaa cttgacccaa aaaattttgn tccacaagaa aattttggag      420
gaccccattn aanaangagn ttaaaatnga ggaaaaanaa aaaacgngcn tnagagaaaa      480
cttcggagg cccctcttaa gaacctaat aggtggaggga tccgnaattt naccggncgg      540
gaatccccaa gaaccaatgg gaataaangg gattaccnt ttnggattgg aagccttttg      600
gggacccaaa aacccaacca aaccttaagg naaatggnc anntnggaaa naaaaaaaaa      660
tggcccntnc aaatttnggg gnggnaaaaa ttnangnggg aatngcctaa tngggccttt      720
gaaatnnnnn gggnaacccc anttnattaa aggcncgggc aaagttnaaa cccaaggntt      780
nngacccaaa ccaancccaa attgggcaat ttcnatntn nnaaangnt nctccanggg      840
gnttccaacg gggcgnaaan gnnnnncnnc nnacnnnnnt nnnncaannn acnnncnncg      900
nnnnctnnta cannantnan aannntnnn ncnncnnnn cncnccanna ncnncnnnnn      960
nnncanacnc ganannncnc nnnnncgnan annannccn nnannnaanc ncatctnann      1020
nacncaanna nnananannn nnnnnnannc nnannncnnn nnncnnncgn cnacc      1075

```

<210> 4942

<211> 741

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4942

tnnttcctta	cnaccagcta	ctgntctttt	tgcaggatcc	ctcgattcgg	aaatatagag	60
agatgtggga	tttgaatgcc	catgaaagac	attttatatt	acttgaatat	attcttgctt	120
cactttaccc	tccataatat	gttgtagatt	agtgtctgac	aagtttacag	agttacattt	180
tgctttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	300
tacttgata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attttcatat	360
aaacagtatt	tttaattctat	gttaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	ataggtccgg	cacggtggct	480
catgcctgta	atcccagcac	tttgggaggg	tgangcgggc	gaatcacctg	aggtcaggag	540
ttcgagatca	gcctggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaaattag	600
ccgggctgg	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa	660
tcactttgaa	cccanggggc	agaaagctgc	agttagccan	aatcgctca	ttgcactcca	720
ncctanggga	cangagcgcg	n				741

<210> 4943
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4943

annnnnanng	nntnnnnngg	nannnnncan	nchnnnnnnn	naggnnannn	nnacnattcn	60
cccctttcct	aanagacttg	gcnactcngc	nctntccgca	agnagnnnng	cgtnnecggt	120
tgngaggaaa	tccaaagctg	acccaaaacat	gggtccccacc	ttttggagct	tacagtctgt	180
actggggaac	agagattcag	ccaaaagtcaa	gaaacactgg	atgccagcta	gattatctgt	240
tctgtgcttn	ggtgtctata	agtacatatg	nggatatggg	ttcattnnat	ccctaaactt	300
agtaccaaac	cagcatttaa	tatctaatta	taaatctaata	tnggcctaaa	ctttattatt	360
gcacactgcc	tgaacaaaac	ctatttgcct	ctatgtaaat	tttttctcca	tggacaagg	420
gngngaaatg	aaaatattnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca	480
gaantgnacn	atgaatccta	aggaaccntc	tgccaacang	ttgaggtntg	ctgnnecgaaa	540
agaaagaana	aagaggcggn	aanntctcag	ggagaaaanta	nnnccnntnc	ttttctatnt	600
tcagcanacc	ntggaggggt	gggcgagaaan	caagaantgt	aaaggaggga	tcagaaaatg	660
gggaatnctt	nggcagctgt	nngaanatga	tgangaagaa	netcnnnant	ctcagttnc	720
cntnngnttc	cctatnaact	nttgataaaa	atnngggntt	nggccaccaa	aannacnnt	780
gcncncaaca	gcttcatttg	ncccnatnn	tccaaccnct	gatcggnna	cnntcaaaag	840
gctannggan	ccgtnnecgt	tanaantngn	aaacnangcc	caccccc		887

<210> 4944
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1201)
 <223> n = A,T,C or G

<400> 4944

```

nccccacnn cnnennacac nnanacnacn cacacanann nccnancnnn nnnncancn 60
aaccnanaat ananaccncn cacnccnnan ancanacann nacnnncncc anacnaanaa 120
aaaaanctnn cannnnnana nacaaaccnn ganaganagg ancnccttttn cnaanaaaan 180
acncgggnan nnnncnggaa angnannaca cgagagnnga nactngtnaa nagcccccttt 240
tgcnaaaaaa nccttngggc aaaancnccc gcctcannac cananagnnc atngnnncn 300
ntacnacgcc naancatccn aatgccntca gctannnnngn gggangnggg gaaccccaca 360
acanaacnan anannacncc nacctacncn acnacannna acnngaccat cactccaacc 420
aggacaacnn caacaaacta cnnananccg acnaanatct nancacance ctctancaac 480
cannacacca acaccaacnc ctncatcnac ancccacaaa aggcacnaca ccncanaccc 540
catcaccatc acanccaaaa aaaatnnnnng ctcnaccac nccacaacnn ncagtnacat 600
cancggaaac cangattaca nnanngannn caaacancca tcgcnncnc ntacaacagc 660
gnnaannaca tccaaaccnn gaanccaaaa ncgacaacat nttatnccca acaanagggc 720
aacangaaca acccncgan angnganaan atanacngaa aaangcnata ntccnatcac 780
ccaannncan aaacacntnc tnncccngg nacannncca taaaacacat agccctnaaa 840
aacaacnnn naaaaccag acnnnanccn caaaaccaa anatctcgc anaaactcta 900
ananatcnaa ccaannanac taanacnct canaaaaanag cctcnacgga ggaaaaaaan 960
aacacctann acaaaacanc accacnttg annacaaaaa anctcncna aggcctcta 1020
canttaaaaa acccnnnac tncacacncn cccacanaca canacnecga acctcanntn 1080
tcaaaantaaa atcnacacan acnanccact anccnnncaa nacnantngg angcaaancc 1140
cnaaaccenn tntntcnann nngncccccn aaccctcnca naaatncaa nacaancanc 1200
c 1201

```

<210> 4945

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4945

```

cntttntttt tcttttcaac angctcttgn tctttttgca ggatcccatc gattcggaatt 60
cggcacgagc ccagatgggg gtgtttttca ggtctctcac aaatgagaca agcgaaacaa 120
ttgtctcctt ttattctctt tgggtgcattg gtgctgggga aacatgaact agcggcagtg 180
taactgcaga acatagaccc agttctacca ggccaggcca gcactgggaa ccgccagaca 240
gggctgcttt gggctttgct tacagtattt ccatgtgtag cctggcgtgt gagaaagtat 300
taggtgaaat gccagtttca tggttcagggt gaaagtctgt gatcattccc ctctgggctc 360
gtccttcaca tcacttttgc ccttcaagga gttgccgcgt ccccgctcag tgcccgctg 420
agccctcaga gctcccctgt gcttttcttg atggggactg gcggggtcac ctacgctcac 480
cgtggagcca ccgtgcaatg cccatctctg agaggccac gcagtattcc tcgtgccctg 540
tgtagtgcn ttctgtataa gggacagaca gaactgggtt ttttttctc tgctgggtt 600
tagagttaaa tgtaactaac ttttattttt cccctttatg aaagatagaa aattattttt 660
atggtagttt tccaganctt tatacaaaaa ttttttgta aaaatgttct ctgggaaaag 720
ttaactnca cgaatgtaaa atattgcctt ctaattaaaa taaccannn 769

```

<210> 4946

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4946

cnttttnttt	tcttttcaac	angetcttgn	tcttttttgc	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aaatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcactgggaa	ccgccagaca	240
gggctgcctt	gggctttgct	tacagtattt	ccatgtgtag	cctggcgtgt	gagaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tcacttttgc	ccttcaagga	gttgccgcgt	ccccgctcag	tgcccgcctg	420
agccctcaga	gctccctgtg	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccatctctg	agaggcccac	gcagtattcc	tcgtgccctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	ttttttcctc	tgctgggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannnn		769

<210> 4947

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4947

ntttcaaadc	gcttggtac	ttgttctttc	tgcaggatcc	catgcgattc	gctactgagc	60
ctggcttgca	actgggggtga	gctccacctt	gaacgtcgat	cctcctgcct	ggtggagcca	120
tcccagctga	tgccacatga	agcagacaca	agctgtccct	actaagctct	gctcaagttg	180
gatattcatg	agtgaataaa	atgactgtta	ctaagtnaaa	aananaaaaa	aaaaactcga	240
gcctctagaa	ctatagttag	tcgtattacg	tagatccaga	catgataaga	tacattgatg	300
agtttggtga	aaccacaact	agaatgcagt	gaaaaaaatg	ctttatttgt	gaaatttgng	360
atgctattgc	tttattttgt	accattataa	gctgcaataa	acaagttaac	aacaacaatt	420
gcattcattt	tatgtttcan	gttcaggggg	aggtgtggga	ggttttttta	ttcgcggccg	480
cngcgccaat	gcattgggcc	cggtagccag	cttttggtcc	cttttagtgag	ggttaattgc	540
gcgcttggtg	taatcatggt	catagctgtt	tcctgtgtga	aattgggtatc	cgctcacaat	600
tncacacaac	atacganccg	ggagcataaa	gtgtaaagcc	tgggggtgcct	aatgagtgag	660
ctaactcaca	ttaattgcgt	tgcgcttact	gnccgctttt	cantcgggaa	acctgtngtg	720
ccanctgcat	taatgaan					738

<210> 4948

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4948

gncnnncctt	ttgnaaance	cctttttnnn	aagnnccttn	cnccttttgc	aancgcttgg	60
gcaactcgca	ntctctcnan	acagcaagg	ctgtggcgaa	tncggcacgn	agccgccnnn	120
tctncannnn	ntgtcagggn	nnagnctgan	gctancnnct	ncnnantgcg	nnnnnnga	180

```

cccanngac agcnnccnng cangcacgct nccncacnng acacaanctt taactaactg 240
cccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tccngatnta 300
accactagac natccatctg tatcacnngg ttnagccatc ttacngatn taagntccac 360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagnctngaa cacaactggn 420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt 480
aaacntgcan gctcatcgtc aaagaatnat ccanatncct ggacactggc nggacacnnn 540
catgtcnatc natgaacaac ctanaggcnt tgcctangaa ncgctgccta ccactnnnna 600
tgatangccg aacannaata tctantnccn tcnnnctata nnnntcnaag nantaaagna 660
ccnnntatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna 720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct 780
aaaanntccc nnnnc 795

```

<210> 4949

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(784)

<223> n = A,T,C or G

<400> 4949

```

ttnntttttt tggttaccct ttgctctnng ncttttttga ggatccctcg attcgaattc 60
ggcacgagcc ttccacggtt atttcacaga tatggagagc tggaagcagg gagtgagtct 120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggg gaagtccatc 180
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcctggg 240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt 300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact 360
tttggtgaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg 420
aacagtgggt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag 480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga 540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa 600
ntncnnannn nccnccacc nanctnncna aaaaaancct cganccttta aaaacnnntn 660
gnngaggccn tatttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa 720
ntttngggcc aaacccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatttt 780
gnnt 784

```

<210> 4950

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4950

```

gttcttttgc aggatccctc gattcgaatt cggcacgagg ttatattaaa ttattctttg 60
tttttctttt tcttttaata aagcctgcaa gttactaaat tgtagtttca taaattctgt 120
agtaaagtat catcttgga gtgtgcaaaa ggtgaaaatg atgctttctc taacagagaa 180
attcttagtg actccagtcg tagaaaaacg tctttacaac ctgaataaga ttgaagaatt 240
gtgaacatac catggcctat tggatgaatc atttgccgta ggctaaatca gactgtaggg 300
tttgtgatgg atttatggag tatgtgggta tagaaatcat gaatctagca tttgttttca 360
gagattcaag catagtcnta agggtagatc agaaatgaca aatgaattca aaacctagca 420

```

gggtgcattgt	aaatgtgtgc	ccagttatgt	tttggaaatg	gcagttcctt	ggggtcattgt	480
ntctactggc	caaatttgca	atagtgttct	atngnatgta	atttctaaaa	tttattagga	540
ttatccnctg	tggccaagta	aactgtctgc	caatagaatt	ctgggaattg	tgagaaattg	600
tatcattgaa	gttcagntnn	gatgngtgcc	ttaaaaaatt	tatcnnngac	ccccanacan	660
ggaaacnana	antatttngn	tctctgcangg	ttcattgcca	cgggcannga	aggtatttcc	720
cagaaaaata	cctcnnn					737

<210> 4951

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4951

ttgnanccnt	ttgaaaccct	ttttanantt	ctancatata	agctacttgt	ncttttttgc	60
ggatcccatc	gattcggaatt	cggcacgagg	gcnactntgn	agaattcgta	cngatganga	120
ctgcanaatg	aagacctact	ttcaacttnc	ttttgncccc	ctctagnaga	atcaaatnga	180
atcttttact	tacctctgtg	caaaaanaag	aaaaatgaaa	nangtncatn	tattcattct	240
gttncatat	agcaaaaactg	aatgtcaaaa	gtncnttctg	tccacacaca	caaaatctgc	300
atgtattggg	tgggtggctct	gtccccctana	gatcaagctn	cacatcagtt	ttacnatata	360
aataacttgct	ctaccttaat	gatgaggact	ccttaaagnc	ncatttgcta	ntgatnaata	420
cactgctngg	gctggccagt	tttnnatgcn	tgcagcttga	cnantgagca	cactcaggcc	480
tttgtnttaa	aaatgaaaaa	tgaaaaaacn	aattcaaaac	ctattcaaat	ggnttctagn	540
caatttgttt	agtataaatt	gncatagctg	gtttgcttga	aaacaaacac	atttaaaatn	600
ggtttacctc	aggatgacgt	gcagaaaaat	gggtgaagga	taaaccggtg	agacgtggnc	660
ccactggtag	gatggacctt	tgagcttctg	gtgctccgnc	catggngacn	atgacacacc	720
ctggnggcat	gccccgtgat	gtgngttaac	gntgtctgca	ttgtctaaan	tgaacangtg	780
ttagc						785

<210> 4952

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4952

gggggggngn	ngcgngngtn	gggggggggg	gtntttcnnn	nnnnntggng	acaccctttt	60
ttttnggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nnngnggggg	ngggggggcn	ggnttgaggn	ngngngnggn	cncgngngng	ggcgngngnc	180
gngnggggng	ggnggggggt	nntttttttt	tnngggnncg	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggngggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	nggggtggcg	ggnggngggc	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncctngg	cgccggcgcg	gangngcgcg	420
gncgtgngag	ggngagcggg	agncgnggca	nngagctggn	gtcnggngcn	gggcggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	gggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	ggggncgggn	ggggngnatc	gcnnngcgnt	gacggngtgn	ncgggncggg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtgggtngn	gngccgngt	720

cngtgtngng	cgagnggngn	gagagggagn	gnngntgggt	ggggncgagg	ggatggccga	780
ngtctngng	gggggagng	nggngnngn	nngagggcgn	tngnntggct	nngggggccc	840
aggngcnggc	nnngcngngn	agggngnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cgngngngg	gnnnntgnng	agacgggcng	agcgggcggg	960
nggcgggcgn	gnngngcgt	gnnagagcgn	gcggngcgn	gtgngnccng	gcggncngnn	1020
gcagagngg	gacacagcnn	cggagngng	tgnatgnnga	gangagngng	nnnngtggcg	1080
nacggttagc	gggcngcng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	ngggggnnga	gcntgngngg	ganncggtac	tagggagcgc	1200
gagtggngg	nggtngacgn	gaggggngg	tgntnggaga	ngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtgggc	anagggcng	tgcnncngta	ganatggntg	1320
nngcncgtcg	gcgngcggg	cnntagngg	ngtgngngg	gangagcng	tgtgggcng	1380
cgcnngggg	ggcgngcng	tgacgntng	cgcatngnn	nggcncnccg	ngcgngcgca	1440
gangngang	gnngngcnnn	cgcnnggaga	nngnnaggna	cagggcgagg	gàngcgangn	1500
gntgtgtgnn	aggngcggnn	ggt				1523

<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4953

gacttcnctt	tcnaaananc	tnngaagctn	antnnccctaa	ananaaggctc	ntgggcgaga	60
gttctggatg	agacttggtg	tggtccattc	tgggacaaaa	ttcctctctc	tctctctctg	120
cggaccctgt	aaatctagaa	aataagttat	ttgcttctaa	aatacagtga	tgggacagac	180
ataggataga	cattccccatt	tcaaaagtga	gaaattgggc	caggtgcagt	ggctcacacc	240
tgtaacccca	gcacctgtaa	tcctagctcc	ccaggcggct	gaggcaggag	gattgcttga	300
gcctgggaga	tcaaggttgt	agtgagccat	gattgcgcca	cctttattgg	gaaactttta	360
ttccagttac	caataacaca	ttcctcattt	nctccagaga	cctcaccaga	aacaccttta	420
atattcatat	ttctagcagc	cttctgttca	taacaatat	tgcatcctgt	taagatgata	480
ggagatttct	cttgcacctc	tcctctttgn	gagcctgcan	gggacattcc	cttttaattg	540
ccatatttct	accagcagtt	ctcttnaaag	caagtctaa	gtntttccta	acattacacc	600
tnaaaattct	tgcannntnt	nnccaagcac	agtgccttac	atctggtaat	tcctaact	660
ttganaaggc	cnaacatgga	acaggaatgc	ttgagctcaa	ngagttcaag	accagcncgg	720
gcaanattat	ggaaccctnc	cttttcnaaa	aattncnt			758

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4954

tgagncnttn	nanccttttg	aaatttttan	acagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggttgctctt	ccatgcgttg	gtcagggggc	cctgaaaaca	120
ctggtaatat	taagagtctt	tctcagggta	acttaattgt	ttcttaatga	acaatgtttc	180
cagctacaaa	ttctttcaat	aaattgtctt	cctttttgaa	aagtactctc	atagaagaaa	240
tttagcaatt	tctcgttgac	tgactcagtc	tatttttaagt	attcagaaaa	gattttgatc	300

```

cccattgagt taatgctctg cettgaaaat tatttttctg atccttggtta gtgataacat 360
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta 420
atgtattctg taaaaaagta ttcattattgg caatttttagt taggcataat attgtgggtg 480
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta 540
agaggtaatt cacttcttat tcctttccaa taattattac attctaaatt ttcattctatg 600
agaaataaca aacaagaagg gaatagaatt aaattggggg ataactctaat cttcattgggt 660
taaattgggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaaataat 720
gccttcaccc attttctacc tgggtgacttg aaaaatggac cttttaagtt aggaagaagt 780
t 781

```

<210> 4955

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(939)

<223> n = A,T,C or G

<400> 4955

```

gnnnttctaa tttcctaaat ggctgggcta cttgttcttt ttgcaggat cccatcgatt 60
cgaattcggc acgagtgaag aggaaaaagt tcaaaaaata aattacattt tataaataag 120
gcaaggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg 180
tcattcnttc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang 240
nntccaccta ctgtcctgnt tnangnnggg atgctncata aagaggatna cnnttaance 300
actaacagtt atgcctntna tcttgaatct gtctcacta gttttcgtnt ncttgggcnt 360
gttactttat gtttccttnc ntcannttac ctttaatatg anaatannta tnattntttt 420
accatgggtc cttacttnan ngatantttt ntnatnnntg catngnnata nnancntnnn 480
gtncctttcn cantntaaat tettaannnt nntcnttatt cnntnttctt ntntnttttn 540
tnattnnnnn ntntntacnc ttannttcn cnacatcanc caattttnt nntnnmtnt 600
tncannanaa ttnntntttt tnatanattt tnnntactt ntgnnanatn gggntnattt 660
tncntnnena antgggttnn nnnntttttt ncncnnnann naacntcntt tnatcnnttc 720
tnnnatnnnc nattnattan tctntnnctn tnnntatcna cncaattncn ntatnnntat 780
ctntatannt tnnnaatnnn tnanantacn tntannntnt tctntntnt tntanaatcc 840
nnaatntatc ttntntttnn nntctaaaan agctnttnc ntttnnaatc ncttntntnt 900
nnattntntt ttantctnta cnanactttt nttacttctn 939

```

<210> 4956

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 4956

```

ttganccctt atacagctnt tgatttgana cctttanaca gctacttggt ctttttgcag 60
gacccatcga ttgaattcg gcacgaggga acatctttac caccaacgtt ttacctctgc 120
ttcaacaatt tggccttggt aaagacacct gctcatatgt aaatgtggaa gatgtctcag 180
gagccatata acatctgtcc cttggggaga tcccagctat ggcacagccg tttgtatcct 240
cggaagaacg gaaggaacga tgggaacagg gccaggctga ttatatggga gcagattcct 300
ttgacaacat caagaggaaa cttgacactt acctccagta gaaacactgc attttctctg 360
gaacacatcc acttcacaag ccttgtttct gatacttagt atctagagct ggggtgagaa 420

```

aagtctgtta	cagttgctag	aggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagttgt	gaagcagcaa	ttctgttata	tggaacagtgt	540
tctgcttttt	aatcctatatt	agcttgtttc	agaaattctc	acttttggtg	actgccaca	600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctgggttca	aaatcagtc	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720
ttgttggttg	tgtcctttca	cgagacctga	attttagaat	tgcccagtg	tgccagagt	780

<210> 4957

<211> 1210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1210)

<223> n = A,T,C or G

<400> 4957

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggacn	agtatgnatg	60
catnctccc	ctgtgcgatg	agnntgnan	gannnacagc	acatgggctn	taggacnttn	120
angtgcnaa	nctnnangan	tgnnncngca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtnc	ncgacatgna	gtgcatcang	agtganngag	cccctngcnt	gaatgtatnt	240
cgtcntcaat	acnntntatc	gccnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tcngtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnntn	tnnntgggga	aaantnccan	420
ncctngngga	caagantngg	atttttaacc	caattggggg	aaaccgcct	tgggcncact	480
ttgnggggtt	nncccaaaaa	ttttccncc	cttgggganta	aaaanncntn	ttttcaagg	540
gagcgggcct	tcancanatt	ncngttaa	ggngntttct	gattcaaagn	ccntgnccgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcctntnggg	nactgcanaa	attncnncgt	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaaanaa	aacctnggga	aantccnttt	tnntaattaa	ncaccctggg	780
gacgtccana	ttggggggng	acatttgenc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaant	tnnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttgtcaa	ttgaaaatcc	aaaaattann	tgcccccctg	nagacnggn	960
ntcaaatagg	ccgcttnntg	gtacttcncc	taaacaatcn	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaanngg	attttaaacc	cggaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnttcc	attaaacccg	cnnttgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcanctagt	acccggnnng	gttncaanne	1200
ttcntntgcc						1210

<210> 4958

<211> 837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(837)

<223> n = A,T,C or G

<400> 4958

ttttttttac	ttaacatntn	ngcctactcg	gnnctttttg	cagggatccc	atcgcnttcc	60
gaanntcngn	gccgaggggtg	tggnctccaag	ttntncatga	ntagcaacna	ganggtgtng	120
anatnantgt	gtaaggctgn	gaattcttgc	tgngaggaatc	gnagaanacc	tgntgctgca	180
aaatcntaca	tgttccacat	gganagggga	gnctaancgc	tattcanaac	anttcnnttt	240
tgtattttaat	taancnattg	cagctatctg	ggatttttcgg	gncagaatat	taanttcctg	300

```

gntgattctn catattccaa tgnatnaaat ncanaaccat tgngncttta agatngtgtc 360
aatnttcacc taacaactng tgccnaaagc acctgcattg gtaatnatat ttcncttaaa 420
gggcaaattc tgncantntc ctgntaactc aaaagtgcac tnttcnctt caaaaatggt 480
gntctcagtn atencacatn ctgcaganat ntatttatat ctatacntat anctnnntga 540
aatacnntta ctcacnaaat ntattnctga tnaacattcc catgttaaat ctnangcccc 600
aaacctttct aaattntggc ccctnanncc nttaatattn taaaaaaatc taaaattctg 660
nnntttcaaa tttgnnctnt aagcnttntt aanaaatntt cncnaccntt gcctttccaa 720
tacctnccc cttggnttaa cnaaatttnc tttnaatanc cntcaccttc ananactgga 780
ttctctttca aattnnntct ngcntcgaat cattantaac ttttgggnct ctcnct 837

```

<210> 4959

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4959

```

gncggcgcc agtgengtac ccanagcaga acgacccgta aaacccttg ggaangnccg 60
ggacgggnen cnngngccgn nccncacnec cncncnnnac acccctttt nccccattt 120
tancaccann atngncnnan cangggggng nannacngng naaaaccng gngagnnccc 180
nncgcnggg ganncanang ngcngnnaag naaccngngg cnncaancan ccngngcgng 240
ccacacana cnggccanaa gananacgca agcgnacgag gncgaagncg ggngnacagn 300
aanaaacnnn cngcacngcg naaaangccg cncaacanna gcnaaggngg aacngacac 360
ngccngancn cncgncggan ncacngannn ncgcannanc gcacangagc gganaccacc 420
cagcnngcca naangcggca canacgncnc ggggnnnnnc anccgngncc canangnnna 480
gacnnggna caccnncca ccccnangcc nagannncan aannccnagn naccnagac 540
annacnnnnn gannncnnn cnanccgagg nacannncng nanngngac cnnnnctnn 600
nnngccnana nannccnnac ancnccccc nccncccgag ngaaacncnn naangaccan 660
cncaanacga cncncgaca nnacacnngn gccancnaa nncaacacna agnnnaccan 720
acngcncnn cgnacnaaac ncacgncgc ggagcccgaa ccaacgcacg acacgcgacg 780
accgancanc aagaangnga ccncacacgn agcgnccnnn cgcgcgnanc gccggacnca 840
nngacanncc gaanagannc gcggngangng cacgaancaa cggccannng nngannagg 900
agcnacaacc ncnacggang cgggcccga ancnacnan cncngnnggn canncngac 960
gagggcnaac aaacggncga cgcccggga ancnacnan cncngnnggn canncngac 1020
ccngananca cacancgnc accacangnn ngnggaacac gacaangcca cgnacanaac 1080
gacgaagcan gaacanagnn gncgcaang nnancnagnn nggaanacac acncgaaccg 1140
aacacanacg aagnaanaac aagagcanna gnagaagcnn acacagacac naaacngnaa 1200
ccggcccnna gnanccanc gncnngcan cagngcaca naanncggn ncccacgcca 1260
aaacngcnac agnncgcaac gnangncn acgccaacg cc 1302

```

<210> 4960

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4960

```

aanaacgtaa ttnaacgcta gcgctctngn ngatccngna gntctntct ttttccaatg 60

```

```

ccngaananc tgcnntggna tgnngctaca tgnatctagg tgttgangct ttacnecgna 120
gttgncngat gacgcntggc anangnccag gntntnnnta natccnaaca ncatantgag 180
gnatnggatg cctacnngca gagncgacag aactcacgct ntaaaannag gcgccacaca 240
cgggacgant acgtanagaaa naatncnntg tgngtgtntt tcctactcnc ttactcacag 300
cncatcagaa ggaagnngac nacnagctng aagcnggctt nataccnnat atcgnncngct 360
acancctgng ncaccactgc catngcgatg cttnactnca nctaattnta ccatnnanga 420
tgcntcatgn acctgnncta gcnccggcan ncttntggng gcccctatnn tagagaacgg 480
cttnnctcca cactgtaatg gtagngattg tggatnttcc tctatcatgg aaggganttg 540
aaaengntnc nctggagggt nnggntgtng actgcacttg nagcattcgn attcatgntg 600
anctcggaga ttnactctgg ngttccatca actntgantn caaacangat gatcnnngat 660
taggncgntt tccaatgttt gngccaaatt tgttaanann aacnacngga ttncaannta 720
anttggnnaa ncntntntaa cnttccgggc tcntgctcct nncntngcc 769

```

<210> 4961

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4961

```

tnctttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga 60
gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctgggg ttagacactg 120
ttagggacta gcattttattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180
atthtaggggt ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcactctttc 240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc 300
atgaatactt aagaaagga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360
ttccagggat ttaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca 420
ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta 480
tggaatgtgt tatcacanaa ttcttccncc tgaaacttca agttntatna agacaaccaa 540
ntatatattgc ctgnngaatt tcttaaattt cttgnnccct atngggaaaag gtnaacccaa 600
nacnntcang naancccatc ccnntttttt tggcntttgg aaacttgncn acccggttng 660
gncanccccc aatttttctc aaaaatttaa tggtaaaacc ttttnanacc cantatcant 720
nnnnnccatt ancnaccccn ctncatntac cccngcccn tctncttnaa tanaaacttc 780
tcngntgccc ctttttnnaa anaantcttt tannnncgaa ccccntctt tttcccgcnt 840
nnatattncc ncatcccttt tgnanttcac ntactcnnnt 880

```

<210> 4962

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4962

```

tnctttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga 60
gagagggtgg ggtctggcca cataggtacc tctgtggctc tggctctgggg ttagacactg 120
ttagggacta gcattttattg gacttgtaaa gacagcacct cagaattagt aactacttgc 180
atthtaggggt ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcactctttc 240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc 300

```

atgaatactt	aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	360
ttccagggat	ttaaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgatca	420
ngaacttttt	tgtaaatgaa	aaagttcaca	attttggnaa	aaacagtgtc	agatgtgtta	480
tggaaattgt	tatcacanaa	ttcttcncc	tgaaacttca	agttntatna	agacaaccaa	540
ntatatattgc	ctgnngaaat	tcttaaattt	cttgnnccct	atngggaaaag	gtnaacccaa	600
nacnntcang	naancccat	cccntttttt	tggcntttgg	aaacttgncn	acccggttng	660
gncanccccc	aatttttct	aaaaatttaa	tggtaaaacc	ttttnanacc	cantatcant	720
nnnnnccatt	ancnaccn	ctncatntac	ccngcccn	tctncttnaa	tanaaacttc	780
tcngntgccc	cttttttnaa	anaantcttt	tannnnegaa	ccccntctt	tttcccgnt	840
nnatattncc	ncatccctt	tgnanttcac	ntactcnn			880

<210> 4963

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4963

tctttttttg	gaaccnntn	tngetctttt	tgcggaccca	tcgattcgct	ctggagtagc	60
tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	cagggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gctcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaattgattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aataactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540
catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagtttnc	naaacatcaa	ancctnntcn	ancnccccna	660
tannnnccctc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nnccnntnn	720
ctnccccntt	acnnctacct	cncnttccn	tcnnaantcc	ctccncacgc	ncnnctnt	778

<210> 4964

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4964

tctttttttg	gaaccnntn	tngetctttt	tgcggaccca	tcgattcgct	ctggagtagc	60
tgggattaca	ggcatgcacc	accatgcctg	gctaattttg	tatttctagt	agagacaggg	120
tttcgccatg	ttggccaggc	tggtctcaaa	ctcttgacct	cagggtgattc	acccacctca	180
gcttcccaaa	gtgttgggat	tataggcgcg	agccaccatg	gctcagcctc	atgttcgttt	240
ttaaaactta	ggatggtggc	tcttttacat	tgattggtag	gaactcttca	tattacgagg	300
cagttagcta	gttgtctgtg	aaataaaaata	ctaattgattg	aactttctag	gaagtaccta	360
ttctgcta	agtgtaaata	tacacttata	cagggtcaga	aataactcaag	tttaccact	420
taaaagatct	agaaaataca	tgaacttggg	cttacttgcc	agttaaaatt	gnttatctca	480
gaattgtacc	atcaccttaa	ttaaagtaga	tatgctagga	ttatcctgat	aactaattaa	540

catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaaagt	cagagtttnc	naaacatcaa	ancctnntcn	ancncnnnna	660
tannnncttc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnccccntt	acnnctacct	cncntttcen	tcnnaantcc	ctcncacgc	ncnnncnt	778

<210> 4965

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4965

ttagntnaac	cctttgaaac	ccctttgaan	tntttaaacc	ctttcnaccg	ctacttgntc	60
ttgatecnag	nnncnctcaa	ttccgccttt	gttccctcct	tccatgccgt	ttnttccngg	120
ggcccnggan	aacactggtn	atattaacag	tctttctnag	ggtaacttaa	tgttttctta	180
atgaacanat	gttccagcta	ccaaattctt	atcaanaaat	cggcttcctt	tntgaaaagt	240
actctcatag	aagaaattta	gcaatttctc	gtgactgact	caanctattt	taagtatnca	300
naaaagattt	tgatccccc	tgagttaatg	ctctgccttg	aaaattantt	ttctgatcct	360
tgntagtgat	aacatttttt	ttctactgaa	ggtcagagga	tnggaaacaa	gtattcctct	420
nctggtatac	atgtaatgta	ttctgtaaaa	aagtattcat	atnggcaatt	ttagttange	480
ataatattgt	ggttgtaatt	tttnaaactt	tagtgggttt	gncctgatta	aagccancgc	540
ttgatcaggg	tatctcctaa	agaggggnat	tccaccttnn	tattcctttc	caatgaatta	600
tnacattcta	aattttcatc	tntggagaaa	nnnacaacca	agnangggga	atnggaatta	660
aaattggggg	tataaatcna	nncttccatt	gnttnaaatt	ggntgccctt	cncaccantt	720
gaagcccatt	tttttatagc	ctcagaaagg	agggaaataa	atgccnccca	cctttttntt	780
cctggtagac	ttngaaaaat	tnaccnttta	agttangaac	aaagtct		827

<210> 4966

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4966

tttgaacctt	ttnacanttt	ttgattttta	anccttttnc	cngcncnngn	gcnnggancnn	60
ccccnnga	tcggcacgag	ggtgtgcggc	tgtaattttta	gctattcggg	aggctgaggg	120
aggagaatca	cttgaaccca	ggagacgaac	ggtgcagtga	cccagatcg	taccactgca	180
ctccatcctg	agtgcagag	cgaaactcca	tcttggggga	ggaaaaaaa	gaaagtaata	240
gggangnaaa	tcagaanttg	tgtggganc	cccctatntc	tggtctctgn	tannatactn	300
nacctgtcag	gcnatnctga	gagcgaangc	tnctgcntag	ggctagtctt	cattcagant	360
ggtttttgat	aggcatgaac	tagtctaact	caaagcatac	ttctgtgtaa	gctagcatag	420
ctcctntact	tggcttcata	ncnttgga	ttaatcgaga	aaagtgaaaa	aggagggttt	480
ggncctgcct	tgaatagcat	ttgattntta	atcctacatt	ntatcagagc	cccagcnttt	540
naaatgttta	atagccntat	gtgctgtttt	gccacgcctt	cnaagttngt	acttctgtga	600
atgaaaaagt	gtgactggac	tnacataaac	tggnattgac	tnncagtcac	cagtntatct	660
ccatnttcaa	ggnaaaaccc	aangactggg	ttntcctctn	ttttcttttg	aanatganng	720
cnnctaaaaa	tcaantaatt	ggggctgggg	tgtggaagcc	caccttgatg	aantcttatg	780
ctttt						785

<210> 4967
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(975)
 <223> n = A,T,C or G

<400> 4967
 annnnanncn antnnntnnn atntnannnc nncntaantn ntnnnatcnn nanncnana 60
 anatntnnac tnnaaanaat tnctaatagat taangggggg tctaatagctt ggaaactccc 120
 ncgantaana gggtngtcgg cngctctggc tgcccgccgg ttnagcagca tggncctcnc 180
 aggggcacag tanngcgect cccganttac cggagcgnaa ctgccaggta ccgcnaagtc 240
 nnctctggna tcagcgctac caaggcgagc ncgantctgc caagctacct tagganccggg 300
 gactnatect acttccgtgc cctactagag cgggagntnc ngnccgagga ccgnatcntt 360
 gtntctangnt gcnnngaacan ngcncctgatc tactaatactg ttccntanga cgctnccnta 420
 atgnnaccag tgcngactac tcatcnatac nnggnagctt gatangcnnng ctnacnatgc 480
 ccatgtgccc nnatcctcnc tnnghaaaacn nngaagtgtg gcgaangctg ngacntttcn 540
 ccaaagcttt gtttttgaan tnggttnttc gaaaaaanng ncnncnacttg ggaatncccc 600
 tnaattngca tggggggaaa cttaaagnttc cccttggnaa ccccatnnta nccctttnta 660
 aaaagggtat ttaaccccaa ctttgggggc aaccccaaaa ntnttttgta aacntntaat 720
 ntctggaagc ccctgggaan nantttgngn aancctntag nnaagggggc cnggnanttc 780
 ttnttcnttn naacangaan ntnttttann gccnngaccn ncctcgannn ttttaaaggg 840
 gcccnanaan ccnttnttgg ccnnaaaacc cttttagnng ttnaggancc ttgaggaatg 900
 cccccctttt ggnaatgngg atttccactt nccnatgngt aaccnana naaaangngg 960
 gaaaagctaa aance 975

<210> 4968
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = A,T,C or G

<400> 4968
 gncacgntnt tactccttgg gnaatnagtt ngnttnangc cctttctcta aanagaaatg 60
 ngngntggcg aanttcggca cgagtngaa gcatncacat atccttagaa tagtnnact 120
 tnggctatna acccctngcc ggctgnggct cccantgtn gtnantctgn natgtgctat 180
 acccaacctg gagcangggc gccatgectg gctaatanann ngtnattact tttntcanca 240
 gatgggggtct tcaactntgnt gnccangctt gngtctagaa ctccctgggct ncaanttgat 300
 actcctgcct gagcctccca aagtgcntgg gattatagac atgagcaa atgtacttggg 360
 ctcaaatttc ttgnttnaaa ttgggctttt ttgtcagaag naatgngcnc ncctttgaat 420
 tatnatnttg atcttgttct cattgtatta cttngnacc ctattcnnac natangantt 480
 tctatnttta ttcaatgaaa gcngccctgg ggaatttatt tgnaccttng tanccacntn 540
 cngnggcctn tgnggnnttc taaatatcnn tngtccgctc tacntnnaat ntccggggggc 600
 nccttatact cnggtncacn nnatngnaaa aatnggttgt cctntaactt tcttnncaaa 660
 atntgcggca gatnntnntt gnggnntant ttnnanagcn ctnttngtna nntnnctttt 720
 tggngncaan tttatnact ntngnaaana nccctcntt atcnntataa ccaatttcgg 780
 naanatnngt canatattnt acattatect ctaattnttn ccccaatang ntnanttact 840
 ctncaaatnn nnctantatt cgngnntcta tcnanaaatt ntctananaa ttctntncca 900
 ntctctgnga ntntttctgn aannnttcat ncgtgcggan tannctatgn ggacntaaat 960

```

ntttntancc cccgganntt nttncntaaa aaangataaan gnctttttcc acanactcca      1020
acaaantcct ngtggannac ttaaantnnn tcatncnccct cnggnaacat gtctnctntc      1080
ttnanagtac ncatnttgga tcnatntana aaggnaaatn ntgatnnggn gctctntcta      1140
cttatcancc                                     1150

```

<210> 4969

<211> 772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(772)

<223> n = A,T,C or G

<400> 4969

```

gnntttctaa ngcnngctnt cttctgengc tccnncnadc cgtgnntaca cancacgncg      60
angnntntct gactnttnnn ctatgtaata ngcaggngta gttgnntntn tgetgccatg      120
natgnatnna catnnatgt gcagtgctcn acgtaatacn ctccnatnaa nctngttggn      180
cntactnntc nncaacntgg atatgncant ttgnncagna cnantgntgc anattggaan      240
atgatggcct nactcttacn atgtgattgc ctatatgncc tctnnacctt gaatacntnt      300
gntatncnan ncanagtntc aaaggatgnc natnatagca gcnctctttt naaataagga      360
aacntccttg aataatgtaa aagcctcata tacaataatg aataataaag aataatgtga      420
aggcttcatt caaggttggn gtttgccaga tcattgcaac aaaatgacag agcanccaac      480
gtatttanga tagtggccaa agtattgtaa tgatggctta tggagtgtca gctggataaa      540
gagtgaaaat gactaaaaac taatggattg ttcagtcgaa tagcanatgg tcaatgggtca      600
tggccagtat aataggggga cccaaatana aattggaaga cccagtcana agtggggant      660
tgatcaattc canccaaaag tgggaatggg caggggaatc ggtaggcccc anggttccaa      720
aaatgttacc agnggncaat tttgttgccc ccatgggtggg gaatccaang gc              772

```

<210> 4970

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 4970

```

ttcnaatagc tnggctcttg ttctttttgc aggatccctc gattcgaatt cggcacgaga      60
gtggctggat aaaaggatgt gtgggaaaga actgagttga aattaggagt tagaatttta      120
ttctttggta ctaaggaatc attgaagatt ttaaaattag ggctgacata atcagatttg      180
agtttgggaa cctatagttt gggactggag gaagacaggt gccagacacc agttaaaaag      240
ctgttathtt ctaagcagta gacaaagggt taaactgaca atagctgtgg agatagagaa      300
aagctgagag atttcagagt tttccaagggt gtaaacaact aaattttgtg atcaaaatga      360
taagggccat ctaataagct ggggaatgtg ggatctgtct tggttgagtt ggtggattaa      420
ctgagattaa cagagctgga ggaaatgtaa aaagaaaggc aggattgttc attttgtctt      480
ttgtttgttt tggggaacag ggtcaaaatt ttcatctgc ataaggtagg tttagtcttt      540
ttcaaaacat tctagtaggc aagtctgtag ctgaatcttg gaagaaaggc aaccatagta      600
atatttttga gttcctactg tttatttttt caataaaaac tcaggttctc aggttagcag      660
atcatggtct taggaaggta gctgtagaac ccaaaatata aattcctaan              710

```

<210> 4971

<211> 710

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

§ <400> 4971

ttcnaatagc	tnggctcttg	ttcttttttg	aggatccctc	gattcgaatt	cggcacgaga	60
gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctactg	tttatttttt	caataaaaac	tcaggttctc	aggttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4972
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4972

ttcnaatagc	tnggctcttg	ttcttttttg	aggatccctc	gattcgaatt	cggcacgaga	60
gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttctttggta	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatatt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	attttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctactg	tttatttttt	caataaaaac	tcaggttctc	aggttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4973
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4973

tcttttcnaa	tcnnntggcn	cttggttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaattttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4974

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4974

tcttttcnaa	tcnnntggcn	cttggttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gncntggctg	anntgntgga	420
ttaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaattttccat	tctgcatnan	gtncgntnag	540
tcnntttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangctngc	ttgtcncaac	ccaaaactct	720
cacattncct	taaacntttt	nccccatttg	gggcn			755

<210> 4975

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4975

tcttttcnaa	tcnnntggcn	cttggttcttt	ntgcaggatc	cctcgattcg	aattcggcac	60
gagagtggct	ggataaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300

```

agaaaagctg cnagatttca gagttttcca angtgtaaac aactaaattt tgtgatccaa 360
atgataaggg ccataataata ngctggggaa tgtgggatct gnentggctg anntgntgga 420
ttaactgaga ttaacanagc tggangaaat gtaaaaagaa aggcacgatt gntcatttng 480
tcttttgttt gttctgngga accagggtcn aaatttccat tctgcatnan gtncgntnag 540
tcnntttcaa aacattctta cttangcaag tcctgtcnct gaatcttnga aagaaaggca 600
ccntnnctaa tatttttgag ttccctactg nttaatcttc cccaattaaa acctcacgtt 660
ctcnagggttn cccacaacat ggcccttacg gaangctngc ttgtcncaac ccaaaactct 720
cacattncct taaacntttt nccccatttg gggcn 755

```

<210> 4976

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4976

```

cntttctttt tnnaacntt tgctactcg ctcnttttgc aggntcccat cgattcgctg 60
gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggg cacngagctg 240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgtcgtctc ctctcagggc 300
cccgtggtca ccgaggagat cgccacctcc atcgaacca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggctc tgtctctcat tctgccgagg 420
agcagccngt acatnaagtg gatcgtctct gcngggcttg cccaggtean cgagttttcc 480
tttgtcctgn ggagccnggc gcgaagagcn ggntcatcc tctcnggagg tgtaccctnc 540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn 600
cnaatcccga agtgtgtgcc cngacccgaa gaancngtc canctttga tggcttcnna 660
gatgattgga cccntggaaa ngggaacctc ttcnngnga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggnacc nncnccccnc n 761

```

<210> 4977

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4977

```

cntttctttt tnnaacntt tgctactcg ctcnttttgc aggntcccat cgattcgctg 60
gttttgattg gtcagattct tttttcacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggg cacngagctg 240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgtcgtctc ctctcagggc 300
cccgtggtca ccgaggagat cgccacctcc atcgaacca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggctc tgtctctcat tctgccgagg 420
agcagccngt acatnaagtg gatcgtctct gcngggcttg cccaggtean cgagttttcc 480
tttgtcctgn ggagccnggc gcgaagagcn ggntcatcc tctcnggagg tgtaccctnc 540
nttatacttg antgtgacca cgctnancct cttgctcgcc ccngtgctgt nnaaaagctn 600
cnaatcccga agtgtgtgcc cngacccgaa gaancngtc canctttga tggcttcnna 660

```

gatgattgga ccnttgaaa ngggaacctc ttcnngngga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggaacc nncnccccnc n 761

<210> 4978

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4978

cntttctttt tnnaacctnt tgcctactcg ctenttttgc aggnctcccat cgattcgctg 60
gttttgattg gtcagattct tttttacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa ggggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgttaacggt cacngagctg 240
ctggacgtct ccatggagct gggctgtttc ctggctggag cgctcgtctc ctctcagggc 300
cccggtgtca ccgaggagat cgccacctcc atcgaaccca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggtcc tgtctctcat tctgccgagg 420
agcagccngt acatnaagtg gatcgtctct gcngggcttg ccaggtcan cgagttttcc 480
tttgtcctgn ggagccnggc gcgaagagcn ggntcatcc tctcnggagg tgtaccctnc 540
nttatacttg antgtgacca cgctnancct ctgctcgcc ccngtgctgt nnaaaagctn 600
cnaatcccga agtggtgccc cngaccgaa gaancngtc canctttga tggcttcnna 660
gatgattgga ccnttgaaa ngggaacctc ttcnngngga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggaacc nncnccccnc n 761

<210> 4979

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (850)

<223> n = A,T,C or G

<400> 4979

ntcnttttgt ttttcaancn attngcctac ttgttctntt tgcaggatcc catcgattcg 60
ctgggttttga ttggtcagat tcttttttca ctagcggcgg tttttctttt atgtcttgtt 120
ataaagaagt atctcattgg accctattat cggaagctgc acatggaaag caaggggaac 180
aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag 240
ctgctggacg tctccatgga gctgggctgt ttcttggtg gagegctcgt ctctctcag 300
ggccccgtgg tcaccgagga gatcgccacc tccatcgaa ccatccgga ctctctggcc 360
atcgttttct tcgctcccat agtttctcct ggcggcgctg gtctgtctc tcattctgcc 420
gaggagcagc cagtacatca agnggatcgt ctctgcccgg gcttgcccag gtcagcgagt 480
nttncctttg ccctggggag cccgggcgcc aantagcgg cgctcatctc cnggaagggtg 540
taccctccnt atacctgagn ngtgaccnc gcctnaagcc cttcttgctt cgtccccccg 600
tncctttcgn aananncttn ncnatcnc aaggggtgt nttgcccc aanaaccccg 660
gnancanaan ccgggtncce aanccnttc ttnaannggc ctttcgggcn anattcnaan 720
tgggggcccc ctcnngnaaa ngggnnaaan nccttcttnt nnggnngaaa tattgaaacc 780
nccttnaaaa natgggnccc nncnacctc gctccctttt tntggggcaa aacctnnngc 840
caccntnccg 850

<210> 4980

<211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4980

gggggggngn	ngcgngngtn	gggggggggg	gtntttcnnn	nnnnntggng	acaccccttt	60
ttttnggggg	ganaaaaacc	cnngnggagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nnngnggggg	ngggggggcn	ggnttgaggn	ngngngngng	cncgngngng	ggcgngngnc	180
gngggggngg	ggnggggggt	nntttttttt	tngggnncng	ngaggggggg	ancnaggcgg	240
nngggggggg	ggggggggnt	ggngttgcnn	ggggngggag	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	gggncgnggg	ngggtggcgn	ggngngggcg	360
ggngngnggn	gccgnnttnn	gggnngcgcg	gcgncngggg	cgccggcggg	gangngcgcg	420
gncgtgngag	ggngagcggg	agncngggca	nnagagctgn	gtcngngngcn	gggcgggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	ggggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	ggggncgggn	ggggngnate	gcnnngcgnt	gacggngtgn	ncgggnccgg	660
cngggcgcg	gngancncgg	gaggaacgnc	gcangggggg	cagtggtnng	gngccgangt	720
cngtgtngng	cgagngngng	gagagggagn	gnngntgggt	ggggncgagg	ggatggccga	780
ngtgcngnng	gggggagggg	gnggngnnng	nnagggcggn	tngnntggct	nngggggccc	840
aggngcnggc	nnngcgnggn	aggggngnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cggngnnggg	gnnnntgnng	agacgggcng	agcgggcggg	960
nggcggggcg	gngngngcgt	gnnagagcgn	gcggngcgcn	gtgngnccng	gcggncngnn	1020
gcagaggngg	gacacagcnn	cggagngngg	tgatgnnga	gangagngng	nnngtgggcg	1080
nacggttagc	gggcngcgng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gnggggngga	gcntgngnng	gannccggtc	tagggagcgc	1200
gagtggngng	nggtngacgn	gagggggngg	tgntnggaga	gngggngagc	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
nnngcgtg	gcngngcgag	cnntaggngg	ngtgngngng	gangagcgng	tgtgggcgng	1380
cgcnnggggg	ggcggcngag	tgacgntnng	cgcgatngnn	nggccnccgn	ngcgngcgca	1440
gangngangg	gngnngcnnn	cgcgnggaga	nnngnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4981
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4981

tnntctcnn	tgnaaccctt	tttctaaagn	cccttttgca	ggatcccatc	gattcgggag	60
aactgtcac	tccttttccc	tccccatata	aactcaaagt	cctttggggc	ccaattcaga	120
gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	tgaatccatg	180
gaggtgttct	gtttggggct	ttttagactg	ctgtgtctca	gctgggtgct	tgaactgaca	240
gtaggccagc	ctgttctctg	ccattcccta	gtcactctgt	gcctcaccac	agcttgctta	300
gagcaagcct	tttctcagac	cttaggcaca	gcctctcctc	tttacctgat	caatgttaaa	360
tgtaagcacc	cctgatccca	ggacataagg	aaagatgccc	aattgtactt	ttgttctata	420
gcctgtgaaa	tggctagtgt	atcatttttc	cacaaagaat	taggtgttaa	gagttttcct	480

tcaggcttta	cttaggagaa	tggaactaagc	tgaagggtgta	cttcaccagc	aagagtcaac	540
tctagaattc	aggatgttcc	ttctattggn	ttcttagcca	tctgtcagga	aatgtaaaact	600
ttgggtttat	tttttggctt	atnccaaagg	ggtaaanccn	gaanatagaa	aatggataat	660
tttctnattn	aatagcngaa	ncctttttca	atctccaaat	atataanggn	gccnctctn	720
ttnaaaagct	ctaagcctaa	agtcaagagc	taggant			757

<210> 4982

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4982

gaggnnnttga	agccttttta	tagatacagg	ctacttgttc	tttttgcagg	atcccatcga	60
tctgctctcc	cgggcttaga	aggcccggct	actgacgcgc	agtgccagac	cttacccttc	120
acggncctta	agtctcggtc	gccctcgctt	cgcagcctgc	caccgcgctt	cagctgcccg	180
cctcctcagc	cagccatgct	ggagcatctg	agctcgctgc	ccacgcagat	ggattacaag	240
ggccagaagc	tagctgaaca	gatgtttcan	ggaattattc	ttttttctgc	aatagttgga	300
tttatctacg	ggtacgtggc	tgaacagttc	gggtggactg	tctatatagt	tatggccgga	360
tttgcttttt	catgtttgct	gacacttcct	ccatggccca	tctatcgccg	gcctcctctc	420
aagtggttac	ctgttcaaga	atcaaagcac	anacnacaag	aaaccanggg	aaagaaaaat	480
taagaggcat	gctaaaaata	attgaggttt	tcatgattca	gcacctgctt	ttgnctctgt	540
gagatgagct	aaatttgctt	tcatacccca	gataagagct	taaaaccac	ctaattgctct	600
tatggcacia	ctgggggtata	gaatttaagt	tctctttata	cttcaattct	agcccaantt	660
gggttttgat	taatataagt	ngtttaaac	ttntcttnat	aacttgctct	gaaatgggga	720
acaaaant						728

<210> 4983

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4983

ggnnnnnnnn	acgctatgct	ggctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	60
gcacgagcta	ggatgacatc	tggtgtattg	actgtggcca	gtcttaaagc	tagtttttgc	120
tatgtggaac	atgctgctct	aattcagatt	taaagagttt	cttcctgtta	attcgaagct	180
cactgtgcct	cttgtttccg	aggaagaag	gactgattaa	gtcatctaaa	tggatgcaat	240
actgaattac	aggtcagaag	atactgaaga	ttactacaca	ttactgggat	gtgatgaact	300
atcttcggtt	gaacaaatcc	tggcagaatt	taaagtcaga	gctctggaat	gtcaccacga	360
caagcatcct	gaaaacccca	aagctgtgga	gacttttcag	aaactgcaga	aggcaaagga	420
gattctgacc	aatgaagaga	gtcgagcccg	ctatgaccac	tggcgaagga	gccagatgtc	480
gatgccattc	cagcagtggg	aagctttgaa	tgactcagtg	aagacggtgg	gtttctcgct	540
gggtgcgacg	tgaatttggt	aagctcanga	tgcccatgga	ttagactcat	gtagtagctt	600
aaagagtcac	taggcgatag	ganggagaaa	ccaagaagtt	agcagaatct	ggatataatt	660
cantgtccgt	aaatcccatg	aagagaagct	catcagaatt	aaggcaatgg	aatttggtgcc	720
caaaaaaaaa	aaaaaaaaaa	actcgggn				747

<210> 4984
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4984

gggnnnnnnnn	nnnnnannann	nannnnngnn	ngnnnnnnnn	nnnnncnnnn	anannancnn	60
nncnannnnna	ggngaggag	nangannnnn	ancnnttttna	nccccctttt	ttnnctaaaa	120
aaagnaccct	tgggggttaa	ancnccccnt	tgnccccnn	aacacgagaa	aaaagggggg	180
cnggggggng	gnnnnagng	nannnccnnn	nnncnncnng	nncacnaggn	cnggagcnaa	240
gaagnnaacn	ttttntanca	ngnnaanccn	atnncnncna	nagcanccnc	gggggggaaan	300
cnggaagacc	ncncnnnggg	nnnaannana	nnancnanca	nnngngagca	aacanngana	360
nnnannnggc	nnaagcnaac	ncnnannnnna	nncccagnca	cgnnncnncn	gnncnnnann	420
nannaccnac	ancncnnng	acnnaagaan	nacgncaana	aacgnannna	cncnancnca	480
gnacnnagcn	nnanaacacc	canncanaac	caaaaanann	ncnatngcnn	nnnnngnnann	540
ncnnnnncaa	nnnnncnnnn	nccgcnnnnna	nancnnncan	ncagnacacn	ncgcacancn	600
ancnccanna	gananngcc	aancnnaann	ncannaggnc	annnacntna	aggcanacan	660
acngnncagc	acncnnanac	gangccnnag	nganccacac	anncgannnn	cnnnnnnnac	720
gnaaananca	ngacngcgn	ncangcgnac	anaaganana	acnnacganc	cnannnaaac	780
ancagcnanc	annannnnnn	anngcnnncn	nnngannncn	ngnncgacan	acanananna	840
nnngngancc	cnnagacnan	ngacnaaaanc	annacganga	cangcnggca	ncnactcaan	900
nannagnacn	cccnanaacn	acncnnaccn	ncgcngacac	naccaaanaa	nnaacancac	960
nannaacnga	naanacnacc	nccgcnnngn	ccganccnag	cncncnncag	ncnnaaccnn	1020
annaccannn	ncannncncc	cncgagccgn	ccngacanac	acncagaacc	nnnnnacaac	1080
aanacncnca	tcanannngn	cnnccacnan	ntncncacga	cnancgcana	cnncgacnna	1140
ncnnngnant	nncagcgaca	gcgnanacnc	ntacnngnna	acnnncnnnc	gnccg	1195

<210> 4985
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4985

gcaatgtgct	ctngtctttt	tgcaggatcc	ctcgattcga	attcggcacg	aggccttttg	60
tgggggtctca	tacataactc	agtttccaca	aagctgtgcc	ccagctcagc	cctatggnta	120
gaagcatggt	ctgggggttc	tttgctgacc	agggtgtgtg	ctttgtccaa	gttactgacc	180
ttcccaaacc	tcatcaatgc	acataaaaag	agcacttgca	aacaatgaat	ctagacatgg	240
accttcacaa	agaaataact	caaaatggat	cccaggccta	aatgaaaaat	gaaaaactat	300
aaaactccta	gaagataaca	taaaagaaga	tctagatgac	ctagggtttg	gcaatgactt	360
tttagatcca	gcaccaaagg	caggatccag	gaaagaaata	attgataagc	tggacttcat	420
taaaacgaaa	acttctgctc	tgtgaaagat	gctgccaaaa	aatgaaaaga	caagccacag	480
actgggagaa	aatatttttg	atggaaatat	ctgagaagag	aggcttggtta	tccaaaatat	540
acaaagaatt	tctaaaactc	aataatttga	aaataaaca	cccaatttaa	aaagtgggcc	600
aaagatctta	aatgacgcct	taccaaagga	agatcccngg	atggcaaaat	aagcntatga	660
aaagatgctt	ccnggctggg	cacngtggct	nacgcccgtta	atnccancct	ttnggatgcc	720
aaggcaggga	gacn					735

<210> 4986
 <211> 1497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1497)
 <223> n = A,T,C or G

<400> 4986

cnttcnnntt	cntgaacctt	tttttccnat	tcccnntna	tctcncgtaa	tncccnncan	60
ganttnccnc	ngcatccna	cttantntcn	tntgngngcn	cagaagntnc	gngacnnttt	120
tttngcccc	canactgcgn	gtttntanna	ngnnancgcc	ngtcngtnn	tnncnttgnc	180
nnnnnatatc	cannccctnc	tnntnccct	ancgcacant	ntcncaatan	tnnaacgnnc	240
nantnaccct	nccnatccac	ntcanagtaa	aatnctnnca	attncancat	tagtgnnttc	300
nannacctnn	ccgtnnatat	ctgnnttcca	tccacaaagn	ccaatcnng	natcnenntn	360
tnantatncn	ntagagnncn	ccnnntccca	tctatcgnet	nnnnnatnct	nggaccnnnn	420
tcccatncca	nnngtnann	engantnntg	tgncacnnnt	gngnncngca	tetcaancat	480
catctcgtct	cttgacgatn	tncttantcg	gcgcattagg	ntcnatcgnn	tantnngntc	540
ancacctant	ntaatctcan	tntnatcann	tctacctatn	tcatatcngc	canacagtct	600
cnctctaaat	ncnncgcann	gencatntat	caantcanna	nactcntata	netcacatnt	660
ctcnnngnnc	atntactctc	cnagctctgt	catttttntc	atctntctct	ctgatacagc	720
cacntnggaa	aactagcnnc	tcactcacna	tagccnnatc	tatacgctcn	ctntcnncag	780
ngactcgata	natgcgtgcg	tgntcnntct	atagcnnncn	netcattngc	atnananatac	840
tcnntcgcgc	nactgttgtc	ntcatcttgn	nncantacan	tgagaagtnt	tatatatagc	900
nacnananata	atagactcat	ctcactacnn	angacgcgan	gctanactnt	acttatanac	960
ctcacnattn	gncactntac	ttatactntc	ncntntntga	nacggctnca	gtatatcgcn	1020
gggntctcac	ttactntnng	cnentncaact	ntcctnngng	cnnnnaacag	tatntacact	1080
ctatnaatcn	canacgncna	ctgctccatt	ctgnnccaan	ntctctctc	gcancnnnt	1140
nnnnntcgna	tnngcncgat	cattgncnnn	natngngtcn	ctctncanna	ctnctctctn	1200
gncngccanc	cacnnngnag	cntctennct	atnncgatch	tnngncaactn	antaaacctc	1260
atcacatcnt	cntctctcen	cnentnnnan	atctaccctn	ntnttnaatg	cntnatgtna	1320
ctccacgant	atntcncaact	ttatcnntnt	ccnctntatc	gnnnctctnt	tancagtctc	1380
nacttatng	ctctnnngnc	cnacnnttna	gcctcnccgn	tnnatactcc	ntcnenatgt	1440
ccgntccncg	nagcnncata	ngngnntnnn	ntatcntata	cgntncanan	tcgaent	1497

<210> 4987
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4987

tttctaaatg	gcttggnctt	ngttctttct	ncangatccc	atgcgattcg	aattcggcac	60
gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	gagtggaagg	120
agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccctc	actgccctgc	180
tggaagggct	gatggagctc	cccgcacatg	gttcctgcct	gggtgacaga	ggctcctgtg	240
gccactttag	aagtgcggtt	tactcctcat	gccgagatgg	accttgggca	gctcagttca	300
caagatgttg	gtcaggcgct	atttaaatat	tttcagtcag	cagaggaagc	aaagcgtgcc	360
attgaggctt	gtgctgtcag	eggatcctcg	gtctgtgtac	cgccggaagc	tttgccagga	420
ccgccttttc	tactttactg	tagacatagc	gcattgtcact	tgctgggttg	gtgatggctt	480

tgcagaggtg	ctgaggatca	agccggcttc	tgagcctgtt	catatgactg	gccctgtggg	540
gtccttggtg	tctctggggg	cttaaggagc	ctcctcatgt	ctttaangta	gcatcattga	600
tctttggatg	tggtcttttg	attttctgaa	caagctaata	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttggttc	aaatgggtat	ttgaaaaaac	720
gtntacnttt	aataaaactt	ancaaagaga	ttntaaaatc	ccganaaaa		769

<210> 4988

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4988

ttgtacntct	tttttnnaaac	ccntngctac	ttgttctctt	tgcanggatc	cctcgattcg	60
ggaatctcct	agaaagtgtg	gattttcgag	ccatatccct	ctgtggtaga	tcctaattgat	120
cctcagatgt	tggtccttcaa	ccccaggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggacccctt	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacatatgg	tgaaactgcc	agttaacagg	caattgaagt	ttatgcatac	tccacatcag	360
ttcctttctt	tcagcagtc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttgggaagca	cctttgcatt	tcattggctca	cacattgaaa	actggcactc	ctcctganga	480
atggtctggg	ngttgcttct	aatacacgat	tgcagctnca	tgnggcaatg	tatggaagtg	540
gaatctatct	tagtccaatg	tcaagcntat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaggt	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaana	aaaggncagn	cctatccccc	ctttncctgg	caaaaggccc	720
gtnaacctta	aanaaaactgc	ctttagccct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggaacccc	tgncn					795

<210> 4989

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4989

ggaatngctt	ncnnngctc	ttgtgcnnga	tccntatnn	nnngcgccac	cgtgcctggc	60
tggaatgtgc	aatttgaagt	gaatgggttaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagtg	tgttnttgca	gctatnaagn	gaatggnttc	ctggggaaaa	180
ttgtgacttt	gnntaactgt	tgttgaaacc	agaataaatt	atatttcact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaa	tggtttcatt	gtangtacat	agngcactgn	taatatattta	360
aacaagtnnt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatgttg	tcattgtgct	ttaaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcancncat	540
cacttttagat	tntatnatta	tnacattac	tggggtntta	ncctttgcta	atgtgaagcn	600
ttcttcctta	ntaagtctac	attacctnt	gctcatttan	atcatatata	acnataaactt	660
tataantnat	ctnanaccnn	gcccttgctt	nttanacttt	cnnnccgcnca	ttaccgtaga	720
tccngacatg	ataagaa					737

<210> 4990
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4990

tttentaant	gnntnggtnc	tcgtttctttc	tncannangc	ncntgcnntn	cgaattcggc	60
acgagcccag	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactgggttg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggattc	tatagcagaa	atctataatc	agtgcgagga	acaaggaatg	gaaagtccac	300
ttcctgctga	agatgataat	gctatccgag	aacatttggt	catcagagct	tatttggaag	360
cccatgaaac	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaa	tggctcatga	acacaaagaa	aagaaatatg	480
aaatggattt	tggatatttg	aaagggcatt	tggatgccct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttggtg	tttggtgatg	ganggtggat	ggtggatggt	agagaggatg	600
ccaaagaang	accattgaaa	agaacacatc	aaatggtctt	acctgagaaa	gctttgtctg	660
cccatggtnn	gttttctggt	tcataccnat	attgccaan	actggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacacac	tggacctggt	nt	772

<210> 4991
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 4991

tctatccctt	nctcaatccn	ttatccngnt	ctttgcagga	cccatcgatt	cgaattcggc	60
acgagaaaag	annaaaaaag	gaannccan	gntttntnc	ccaaagttgt	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattggt	tttctcagaa	ccaggattct	180
ctgagaggtc	agagcatctc	gctgttnatt	tgntgttgtt	ttaaaaatatt	atgatttggc	240
tacagaccag	gcagggaaaag	agaccggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggt	ttcggcacag	cccggtcact	cacggcctcg	ctctcgctt	accccgctc	360
ctgggctttg	atgggtctggt	gccagtgcct	gtgcccactc	tgtgcctgct	gggangangc	420
ccaagctctc	tgggtggcgn	ccctgtgcac	ctggccaggg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgccaa	ngtggttccc	naaacgnctn	tncttgcaag	600
aacaaaagta	cccccttgc	acccttctcn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaaggc	cccctttcct	ggngttngnc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangccan	ngttcccngn	ggggaacaac	780
caannggccc	ctcaagcccc	aanngcccct	ttncgggggg	ccccccnt		828

<210> 4992
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1499)
 <223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antcncnctt	tttcaactttt	tttttcccc	anaaacccgan	60
cncgtttccc	ccacngtctc	aaccnctac	acnngcgcn	annegnaca	cacccccgnc	120
aancancnnc	nctntcnaca	cncncaacta	cactncatac	actcncnacn	ctacncacnc	180
acatacaaca	acaccacaca	tcncntaact	acacanacac	caccaccaa	tcnnancccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancacca	cctctnnan	300
ccacacccct	atctcncna	cacnaccaca	ccaccccgca	aacnnnccgc	ccantcncan	360
tnccnncac	anacacacac	acancctcac	caccnacacc	canacacanc	ccccnacnc	420
caccacccac	cnnncnccc	nnccnccaac	actacaccaa	cncnncnatc	aancncacna	480
ccanccanac	cnnaccncc	cctcnacccc	ncaccnnanc	acctcacacc	cccacccanc	540
nccacnacc	caanccaccc	cccacannnc	ttntnana	acanccaatn	ccccacccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacncn	cacccccacc	ccncacccct	660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	ccntcccccc	catctcntna	720
cncccccgcc	tcacccnaac	ccacatctnc	tcccacanct	ccaacacncc	ncnanacacn	780
nnacacnca	caacaccctc	tctcncacnc	tacantcann	cacatacaca	nnatcantc	840
nctnntncnc	ccaactncnc	actaacctng	cancncacnc	tcncnctcct	caccantcgc	900
acnccacac	ccttaccctc	actcncntcc	nntntacacc	atnancacac	cacacnntnc	960
accacnncn	cnnacnccn	cnnacnccn	cncanacca	cacctnacgc	acaccctnat	1020
ccacancag	accacacncc	cctnccacaa	accacangac	cnnccctac	acatntacca	1080
cgnccataca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaacac	nnnatctnta	1140
tancanccca	ncacgtcaca	cncnctnnaa	caaccncaca	tccagtcaac	atnaaccaca	1200
catnccanc	antncatctc	accnntacn	actcactcca	ctacnccncc	tctcncacca	1260
cncnctctcc	ctatncaaca	ctcancntcn	aacactnctc	ncccnctcc	cnccccacca	1320
cncntcngc	atcnncaaca	cccacctaca	ccancacnnc	accncccccc	ccnaccacaca	1380
catccccan	taccatcaac	aaacacataa	gcantccact	cccaccanac	caccnctat	1440
actntacncc	tctccccaca	cncncccccn	naccatctca	ccccctcnc	cncncncn	1499

<210> 4993
 <211> 1576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1576)
 <223> n = A,T,C or G

<400> 4993

gncctccctc	ntcttncntt	tttgtttttn	gtttttccna	atcncctttt	tcngccacat	60
ttnttgnnnc	nggnatcccc	atncgnnttt	cggaatttcg	ngccaccgta	gtagtanggg	120
tnggggngtn	ctgggcccac	catnanggta	ntcctcntnn	tcgngntttc	ttgnnctcta	180
nagggngtgt	acnnncaactn	gtctnatggg	ccntacgcaa	ttctaactng	ttcacnatgt	240
cancancatc	atgcnacnct	nnnntacttc	tgcnaacctc	cctctnccnn	ttcncange	300
cactggacnc	tcantcacct	nctnnacnac	annngntttc	cancncgncc	ttcttcattn	360
nnctccatnn	cactttnnnc	cncnctcaca	ntcntcccat	cnttntccca	nccactcnn	420
cacancctnc	ntetaantct	tnatcanatn	tcactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gnctctacat	gtcntanccg	atnntcntnc	tncaactcat	ncannnccct	540
ngcgcccttat	caaataactcn	tacnnactnt	taccctactn	ntnctntcan	cntctactnt	600
ccctctcttc	cttctatctc	accatacacc	tctatcngan	cntnncatcn	ctatcnncta	660
tccanacnnc	tgtnactcgc	tntcactctc	ntntnttttc	tcgcactaac	atanntcaat	720
cccanccttc	ntacctgtca	ntccncagct	ctgatctctc	ncgtanaact	cctactctac	780

tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tntnccctnc	840
acncctctcc	gagnctntct	ctccnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tcnctccana	ttmagttctc	canctgtann	catctcgtt	tnacactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcnctatc	tcacacaatt	ccgtnnctcn	ancanacacn	1020
acnatacgt	gcttcatncn	cntcaagtan	attncancat	natcnctatn	tcttctatan	1080
ctattnnngan	ncatacnctc	atcgggcanct	cacactctat	nanctcnnta	cacacccagn	1140
gtcatacntc	ttctgcnagt	ntcnnnctnc	gacgcannnc	catctcanca	ctcananttc	1200
tcacngnacg	tacacnccna	tctctcnng	cnccanng	actcatnacc	tatctntcna	1260
nctctnecgt	ctennctecn	tctctatcct	ctctacnctc	tntctcttac	gctccnncnn	1320
tcatctaaact	cntacnntca	cnnctctaca	tcttctcat	ctctctctct	atanttctta	1380
tcgntnnmta	ctnccnaccag	cntctgctat	ccttgcttgn	actccnncnc	atcgaccnnc	1440
ctctcatngn	tccacatent	cntctntnta	ctcgtcatca	ctctccnacc	ccnatatctc	1500
tnttatccctn	anancnncnc	accgcagngc	accactcann	tcnnatnctn	ntannacnnt	1560
cccacntctg	accnct					1576

<210> 4994

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 4994

gnntnnnnnt	ttnnccctana	cngaattggtt	gggttaacgc	cctttcnna	ngnagnccng	60
cgntnccgaat	tcggcacgag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnttttgaac	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta	180
agattattta	aaaatgatcc	tttggttcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggtctata	ccctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac	300
tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgattt	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttacg	tggataactc	ctataaatgg	gctgggtggtg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgggaa	tgtaatgctt	tatggttacc	aagttgggct	gtttaagaac	540
tcaaatgaaa	atcttttacc	tggatacctc	aaaccagaac	aatgggttatg	atgtggaccc	600
cagtccttaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctggggtg	660
tttggtggaa	aaagaaccaa	accgtatggg	ttcgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggcc	ntgggtgcc	gtagtgtccn	gctnggccct	tccttgaana	780
actggattcn	aaagnt					796

<210> 4995

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (815)

<223> n = A,T,C or G

<400> 4995

tnnncttttc	ctaattgcttt	cctaantggc	ntgggttctn	gttctttctn	caagtatccc	60
ntgcgntnccg	tataatctgg	gggtacagag	caaggaagaa	gtactttgac	tttgaggaga	120
ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggcaagctc	accagcacc	180
cagtgcacaga	tcgaggacca	catctcctca	acgctctgaa	cagttataaa	agccgggttc	240

tctgcggcaa	ggagatcaag	aagaagaagt	gcattcttcg	cctgcgcac	cgcgteccac	300
ccaacccgcc	agggaaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgcc	360
cctctgagct	gcgtaagaga	ggaaagagca	agcctgggtt	gttgctcac	gaattccagc	420
agcagaaaag	gcgagtttat	agaagaaaa	gatcaaagt	tttgctggaa	gatgctattc	480
tccgagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctgg	aaagtcggcc	540
aagaaagaca	aaagacccag	tgaacaaatc	ccggggcaag	gccaaaaaga	agaagtggtc	600
caaaggcaaa	gttcggggaca	agctcaatac	ttaatctttg	tttgacaaag	ctccctatga	660
taaactctgt	aanggaagt	cccaactttt	aaaccttata	acccccanct	tgtggncctc	720
ttgagaagac	ttggaaaagat	tccnagggtt	cccttggggc	agggggccagc	ccctttaagg	780
agcttccttt	aattaaagga	ccttattcaa	aaccg			815

<210> 4996
 <211> 753
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (753)
 <223> n = A,T,C or G

<400> 4996						
tnnnnctttg	acggatcttn	gcagnactna	acggcaantt	ccctcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggagtaagg	gcaggggcct	aanaaacagn	ttttgttggg	120
tcttgaggca	aaaaaagaag	aaaatcttgc	tgattgggtat	tctcaggtca	tcacaaagtc	180
agaaatgatt	gaataccatg	acataagtgg	ctgttatatt	cttcgtccct	gggcctatgc	240
catttgaggaa	gccatcaagg	acttttttga	tgctgagatc	aagaaacttg	gtgttgaaaa	300
ctgctaacttc	cccatgtttg	tgtctcaaag	tgcattagag	aaagagaaga	ctcatgntgc	360
tgactttgcc	ccanagggtg	cttgggntac	nagatctggc	aaaaccgagc	tggcanaacc	420
aattgccatt	cgctctacta	gtgaaacagt	aatgtatcct	gcataatgcaa	aatgggtaca	480
gtcacacaga	gacctgccca	tcaagctcaa	ncagtgggtg	aatgtggngc	cgttgggaat	540
caagcatcct	cagnctttcc	tacgtactcg	ggaattttct	tggcaggaag	ggcacanngc	600
ttttgtacc	atggaaaagc	aacggaaaag	gcttgcanat	cttgacttaa	atgctcagga	660
tatgaagaac	tccggcaatn	cngnngtnaa	ggaagaagac	ggaaangaaa	aattcaggan	720
gagacttnca	ctccatagaa	gctttattct	gcc			753

<210> 4997
 <211> 711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (711)
 <223> n = A,T,C or G

<400> 4997						
tggtttanat	cnnctctttg	ttctttttgc	aggatccctc	gnttcgaaaa	attttatgga	60
cttctatgga	tatttcttga	tgcttagaga	tttgtttttt	taattgcaaa	tgtgaattgt	120
ctattttaca	atgctattac	atatggagcg	ggcctgtggg	gtatggcact	attccttggga	180
ctaattggtac	ccaggttcca	ttctctgctc	agctcgggtg	ctctagacaa	agccctataa	240
atgctgtctg	cttcagtctc	cttaatgggtg	aagtggaaat	gaataacctac	tgtcacttaa	300
ctcatggaga	tgctggactg	ataattagat	catgtaagag	cactttgagc	tgtattgaaa	360
aatatgttgt	ctcaaattaa	gtagagtcta	tggtttttgt	aatataaata	tattgccaga	420
aaatacatca	ctgggggagc	aaaacatgta	gaccaaata	aacagggatt	agtaacatca	480
gtaaacaatag	ttgggaaaag	atggcactaa	agaaagccaa	gaagaaagtg	ttgctcttgt	540

aaaccaaann	aaaaaaaaaa	aaactcgagc	ctctagacta	tagtgagtcg	tattacgtag	600
atccagacat	gataagatnc	attgatgagt	ttggacaaac	cacacctaga	aatgcatgaa	660
aaaaaatgct	ttattnggga	aatttgggat	gctatngctt	tatttgnacc	c	711

<210> 4998

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4998

ngntttannt	attnnctttg	cgctttgnga	acttcengca	nganttcgcg	attcgctgaa	60
atgtcanaca	cggccaccta	ggcagcattt	acaagcaaga	nttttctgct	nttttgatgt	120
atatcttaag	cgccccagc	gaatgaacag	catataactc	cacataaaaa	tcattaaatg	180
taattgactt	ccagagcagg	cagntctgtt	gtatgcctct	ggagaaggct	ggctgaattg	240
gaattggnc	gtaccttctg	cctatcatgt	acatgaggct	tttgggcaaa	gagaactttc	300
cacaaaataa	gtccaaaaat	tatagatcat	cagacaacca	ataacatatt	gatgagatat	360
ctccaagatc	tagaancgtc	ctgggtgtca	aggaagtctt	ttggggtttt	tacaaatatt	420
gataatgcac	tttctataaa	atgcactttt	tataaaaatg	catgctcant	tgagacaact	480
tgaaaaacac	naagaaaagg	cccgggccc	agtggctcac	gcctgggnac	ccagcantct	540
gggaggccna	aacggggtgg	atnaccgaag	gtcangagaa	ntgagaccat	cctggcnaac	600
atggngaaaa	ccccagact	ctactnaaaa	aatacataaa	aattancang	gtgtangntg	660
ncggggcgcc	natnagnc	antctactna	aggaggcctg	aagcaggaag	aatggggtgg	720
acccnnggaa	nacngaacct	tgcantnaac	cggnnatccc	gncactggna	cctatagnct	780
ggngng						786

<210> 4999

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1251)

<223> n = A,T,C or G

<400> 4999

acgagggggc	tnccctttt	ttttngnaaa	aaaaaacccc	ccnttttttt	gggggggggna	60
aagnttgggg	gggctttttc	cnaaaaancn	ccntttttgg	gcanaaaaaa	nnccccnnnc	120
nnacccnnna	ccannnnnca	nannnnngggg	gcnncnncgn	nncnacancn	cggccacnan	180
cnnanancng	gngtggntca	cannannacg	gnggggggnt	cnccanccac	nnngggtnct	240
ctatcncggg	gngcgggggg	ccnenggggn	nncgngnatc	accttggggg	ggncnncnac	300
ccgggggggn	ncnccnngcn	gngccaccca	taggggggnc	anaatggngg	ccccnnncgn	360
nncacanca	aggnggcaca	cntancccn	annacaccnc	ccacacctnc	tncnanaacc	420
nannnacana	ncnnncnacc	naacncnacc	cancanccac	ccccaccnnc	ncnncncccc	480
acnacncaac	ccctccancn	accncccnan	aacaaannnc	ccccnacant	cnnncccnnc	540
nnnaacncnc	nancccnnac	aanccccatt	nnaccnanac	ncncanncna	ctaanacnct	600
nnccacnnna	canaaactnt	nnacncancc	acncnacccc	cccncaaccc	cacccccaac	660
nanacncncc	tccccatac	cacaacaent	nccanctnac	ccctnaaacn	anancaaaaca	720
tanaaancca	cnccaccnca	acccaccaac	acnnctaann	ccaccaacan	aaaccnccac	780
cacanacnac	cncataccan	cnnnacacna	tcaccnnacn	acaccanacc	cntactncac	840
cnntcnatct	cnnnncatnc	nctanacna	cacnnnaacc	tcacacacnn	cataccccan	900

```

cannacacan tctatacanc nnetcaacna cccncacatc ctattactnn acancacncc      960
natnctcnaa ncnncncaca anacncnacc aacacncaac catctcacat ctncacncna      1020
acnacancan tctcncccaa cacaatcnn cncnaacnc tcncanacn tacancatac      1080
acacnnacta caacgcncca cccnctctc ncaacacnca cnntcatnna cncacntccn      1140
anacnctnnc acaactaaca tnccacnann acacacnana nacacacca nnnaccann      1200
acaccnaacc ntcacaccac nactactnnc aanctnnncn cacatnnnc c      1251

```

<210> 5000

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 5000

```

gnttttcta ggnatnnctt tggcaacttnc tcttttttga ggatcccate gattcgaatt      60
cggcacgagt cgagtttttt tttttttttt ttcacttttt aatacacttc aatggttttt      120
aatatattca cagttgtaca actatcacta gacaaaatat ttttatctgt atgaagtgtc      180
gtgtgtatca tggggccaag tcaggggaag acaggagttt accaggggaa gaaatgcatt      240
ccagggaag agaacaaatg tgcaaaaaga cggaattctg aaatgacctg gcatttgcatt      300
aatatgaaac tgcaggggga ggtaggctag agtttatagt gaggaacaa ttgggctagt      360
ttacaaatga ggaatctgaa gctcaaatac atgaagtaac tggcataagg caattatctt      420
atgctaactc aagaaaaggt gtctaaggca ggggtcccca accttgggtgc catggactgg      480
gtactgtggc ctgttaggaa cccggctaca cagcaggagg tgaggagcag gcaagcatta      540
ctgcctgagc tccacctnct gtcanatcaa ccgngggcat caaattctca tcggaacttg      600
aacccttatt tttgaactgc ncattgttan ggatagggtg cattgtctcc ttatgagaaa      660
tctaacctaa tggcccgat gaatttgang gggaaaaaaa atttcaatcc ttgnaaccac      720
ccccccnaac cttgtttggn gggaaaaaaa nagnctttcc nntnnaaacc cggncctctg      780
gggncct      787

```

<210> 5001

<211> 900

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 5001

```

nggntctttt gnaatttcta acacctgctc tttctaattnn ttggaatccc tcgattcgaa      60
ttcggcacga ggnaanaacn gctctggaga aggccacgac annncanaga nntcaagtna      120
gaaanccacc agnctaactn naggattnag nanectnnnn ancgcnntna ggnncaatga      180
ggctgacctt gaggtcttg gnaggaaca cttgncggca cnnagctctt gtgcgtnctn      240
ggteactttg ntentatcca ttctctgaca cccagtttnn nattaancac ccnanntnag      300
antntctgcn nggtgcngg cnnnttntta cnnangccct tctncntnt tcnncannat      360
ccnccnnttt centnatent ttggnctgga tananntttt ctngnaance nttngntttt      420
ctttnancan tnattctnna ncccaaaatt tgcttttttn gtcttcttgn atttttcnct      480
naattgccct ttcnatctcc ttnnatnttn atccentttt ntttttccct ngenttttnc      540
ttcatacngt ntccctttt ntnntgccc atnttncaat nggcncctac ttttateccn      600
ttnnngggtt ttttgtccnc ttnntttttt tcttccnant tcctccetta tttctcnacc      660
ctntataacn tacntnatct ttctctaaa tnccccnntt tcttctnttn tnttccctnt      720

```

ttttttgtcc	ancntacata	cttcnntnnt	tttngganc	tennecatt	tntntcngnn	780
tcaatctatc	tatcccnntn	tncnnttnc	ncnttncnt	ntcnnttcta	tntntnttct	840
nttatnnn	tntnctntta	gttnntcttt	tactactan	ncnttttcnn	ttntntnnncg	900

<210> 5002

<211> 734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 5002

gtnnctaaat	ggcnggcctg	ctcgttntct	tctcgcagga	ncccnncgan	tcgaattcgg	60
cacgagggcg	nncgggtccng	tacatggctc	tgtntgtcac	aannnnacgc	nntgnntgcc	120
cgttcncnat	acnatagtgn	ngctntgtcc	aaatcntgga	ctctgccctc	natgaacttg	180
tgetatccag	atgaccnngc	tacatcactg	nttgctncnn	gtactngcan	nnnncacgna	240
atgtggnant	gnatgganac	gntgaacctt	ttcnnactat	ngcccntnct	tntgnaatca	300
nnataaccct	gtttggnaact	nttntngggc	tntattcct	ggctgnggtn	tgntnacac	360
tgaccaangg	gctgtgtctg	tanatatgcn	annntnntnc	agngntncct	ngtnactntn	420
ntaaggcnna	tttnatntga	nantnatgca	cnattngccc	agtgagcnc	nagttcagng	480
nncgcannat	ggngancgen	gtgcttancc	nagntctgtg	nnaggctatg	cccatntcaa	540
ggcntgcatg	gaactatgat	ggnnncannn	nattcnange	ngtgtgncng	aatgagatcc	600
tngcacaagg	atatcatncn	tncagtnatg	gctgtncaac	tctggantct	angcatgttc	660
cgannntgan	gganacagat	tnantgngac	cctgactggg	gcnnngnanc	ngnacattga	720
aaaccngccg	ctgc					734

<210> 5003

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5003

nggnnnnttt	naaaattctt	natatacngc	tacttttcaa	atnnttggtt	cccatcgatt	60
cgctggcggt	aaggctggaa	agggactccg	gaaaggccaa	gacaaaggcg	gtttcccgct	120
cgcagagagc	cggcttgag	ttcccagtgg	gccgtattca	tcgacacctt	aaatctagga	180
cgaccagtca	tggacgtgtg	ggcgcgactg	ccgctgtgta	cagcgcagcc	atcctggagt	240
acctcaccgc	agaggtactt	gaactggcag	gaaatgcac	aaaagactta	aaggtaaagc	300
gtattacccc	tcgtcacttg	caacttgcta	ttcgtggaga	tgaanaattg	ggttctctta	360
ttaaagggtt	cnattgctgg	tgggtggggg	catttcncac	atttcccnna	tnttttgaat	420
tggggaanaa	aaggnccccc	cnaaanantt	gtcttaaaag	gattccctgg	gatttccttg	480
ggtatcttca	aggacttctt	naaataacct	tttaacaagc	ttgtncaaaa	tgggttgggt	540
ggaattncca	nttgggacct	tgggtattctt	cttgggtgna	aaaaaccacc	aaatttttgg	600
cccttttttt	gggnaaattc	cttaattttt	gaagccnaaa	tttgggggaa	agnttttaaa	660
atttaagnn	tttttcccaa	acccaaaacc	cnaaaatttt	cttggccant	ttccnaagtt	720
cntttaaanc	cntttntttt	naaaaaatng	ttnaccttgg	gggggctttt	cnaaaaggaa	780
aagccttntt	tggaaantct	tggaaaaant	aattgggggg	ttttttggaa	tttggaaatt	840
ttggacctgg	gntttttttna	aaaaaaacct	gggtttnngg	aattttttaa	attggnggaa	900
ttncncnaaa	agttntntng	gtnaanccaa	accn			934

<210> 5004
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5004

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	attgtgtccn	120
tgtantctnt	nnggnncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctacccng	cncnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagecn	480
ncgngcnnag	cctntttgtg	agaagnenaa	tcngtnntnc	acntgcccnn	agntagecgt	540
ttngnnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggataactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5005
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5005

ttnnnnnnn	cagcttcnng	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	attgtgtccn	120
tgtantctnt	nnggnncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nanggnntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctacccng	cncnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagecn	480
ncgngcnnag	cctntttgtg	agaagnenaa	tcngtnntnc	acntgcccnn	agntagecgt	540
ttngnnntna	cngacaacac	caactgggnt	ggtggcctnt	gtcnganttn	gaananangc	600
nntnacntgc	nngetcntta	ntgaaggatt	ggataactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 5006

```

nttngaaatt ccatatagna ntgaacggga antccccctt ntgcaggcag cccatcgatn      60
cgaattcggc acgagaagan gtttgattct ttagataacn cttttnangt gctataaagg      120
gcctagttta aaaggaactt cttttgaaaa gcaattaaca gttgataaag ggttaaataa      180
aaattatcta gtaaggaatt tcttattgga atgtaaacgt ggttctaatt ttaaatagac      240
agtgatataa agaataaaaa gtaaacagtg aaattgagtt ctccaggga aaggcagacc      300
tgtttagtaa aaaaaggatg cttttttcag tgatgtcttt ttttgagtgc atatgtgtgt      360
gactcttgaa gaaatccatg ttcagattta tcagatgatt gaagtgggtg ttctgaataa      420
agaaagctgt gaggcctgag gcagtgaccg tatcaggaaa catattttat tggagatttg      480
gaagctatag taaaacataa tggcaataag ccaacttccc agtggtaaac ccacagnggt      540
ggnttagttc taacctcttg atgaccgagg aggnntaataa ttggatattg cagagcagca      600
aatatgtaac cngngngtaa tctcanggcc ncangntaan cagnttccag ncagaagccn      660
tagaagaaac ccctgaccaa aatttagctt accccggacc tangctgccn gcntatgngg      720
gncngggggt cntcnggggt taaaagaaac ctaataactg nccacaanac cnttgaccg      779

```

<210> 5007

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 5007

```

ctgnnncnng ccatccang tagaactcat gggaaactccc gcagganccc agggngncga      60
acngngnncg aggnaccgag agagaagggn gggtttaact acacactttt naaccntgct      120
taacanaagt attatatang nacagtttca tacaggaatt acctcaaaag ggagtctnat      180
gangagcaac tacagatagn tgcaagggat catacagaag atatcgatga taggtgaaan      240
atgcttagaa ggggtgtgaa tgtctagcng ngacnaccat gtgtatgtat ccttgacaag      300
cagtataaaa taccngtgag gtnttcttta cattacggga taangcataa ggaatcaatc      360
nccatatana ctatcanccc taatgnagca aggggaagta tntaattgcc catgatatgt      420
annttactna tactatgcca gagaggaaac tataaagtaa ttacacangt aaacttgggt      480
ntttcacana cgnagggtatt cattnngagt acggtgaaga agaaaaanga atatcnaaat      540
gaactgaanc cngatgggan agtatcaaca agtntntaaa agcccaggat tctaaaaaac      600
aataaagggg cacgggcant ttttgagtn ngnacanct tatgccnant ggcnaanaat      660
nccaaaaatn aaaagcggna accattgggg aaccccggtt ggaccntaaa nggcnacnta      720
aatnggggaa ccagcnantn gangaatgan ggaaccaaag ggggggtagg caaataagcc      780
aaaaccccc aanaaanant nnnnggncca aaannncccg      820

```

<210> 5008

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 5008

```

agagnnnnnn ttttattctt tgnnctetaa nagcttggct actngttctt tttgcaggat      60
cccatgcgat tcgaattcgg cacgaggcca ccttctaagc aagtgatggc ctggctgggt      120
cagtaccctt tgcaccctgc tttttaaatc ttattctgca cactttttca tatctattca      180
tatgattaga catcatcatt ttaatggctt catggcattc cattttatgg gtatattata      240
aagagactaa tacagaatta tgttccttac aatacatgat ttttaaagtt ttaaaagcta      300
actgggggta catgccctca ggacaagaca cataaacaca ttttgtnnac aaaaaanaaa      360
aannaaaaaa aactcgagcc tctagaacta tagtgagtcg tattacgtag atccagacnt      420
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt      480
tatttgtaga atttgtagat ctatngcttt atttgtaacc attataagct gcaataaaca      540
agttaacaac aacaattgca ttcattttat gttncagggt canggggagg tgtgggagggt      600
tttttaattc gcggccgcgg cgccaatgca ttgggccccg gtcccaactt tgggtccctt      660
agtganggtt aattgcncct ttggcgtaac atggncatag ctgnttctct tggggaaaat      720
ggtatccgnt cacaatttcc acaacatacg ag                                     752

```

<210> 5009

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 5009

```

tttnnaannn ncagcgttnc cncnttncn ctncgtgaaa ccctttggca annccccccn      60
nnnngcagga tcccatcgat tcgaattcgg cacgagattc tctcaataat ggccagccga      120
aatttcnccg tgccaggcat ctgcctccgc ggggtcatta aactcccaca gtgggtcacc      180
cactgctgat gtacagactt tccaggcaaa ggcctatatt catcaacacc gncagtctta      240
ctgtaattat aacactggag gtcagttaga gggcaatgca gccacttcct atcanaagca      300
gactgacaaa cccagccact gtagccagtt tgtgacacct ccgcgatga ggagacagtt      360
ctcagcacc aatctcaaag ctggctcgaga aaccacagtg tanaatcaag tnaactggaca      420
aacttgaaat catggtggaa gaaacagaca gngttagctc atgatnngat ttggtnctac      480
ctttggcctt gagttcttat tatttacatt ataaanatta actggttnta tattgntaag      540
acaaaacact ggtaaaagtn gcaacacctc cctnntgctt gtataccata aatgggcagn      600
ctctggaaat tnatggataa agcatcaaag aaactgcnnn ngtgctgaaa acgtttctnn      660
ctttnttttag ngcctnaatt taagatactt tactttacnc ccnctngna atctgggnng      720
cangnntctc ttttanggnn tggnaaaana ncggncttcg cccctnntaa acttnnagnn      780
ngtnggggat taccgcnaaa cccngacc                                     809

```

<210> 5010

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (707)

<223> n = A,T,C or G

<400> 5010

```

cnaatgctgg tngctngttc tttttgcagg atcccatcga ttcggggcta gcctgcacgc      60
acgccaaagat ggagctccag gctagccac agaacagccc agccgcagcc gtccataccag      120
accagcacct tgtaaccaca gtctaaccac gcgggcacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgccctt tgcccaaggc tcaggctacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300

```

```

cggagaagggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct      360
ggtctgctgg tgctaccagg cttgaacagt cttcaaattc actgctatta ggcaaattac      420
ctgggtcccc ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat      480
tggttgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca ttctctcaga      540
aggctgtaac aaagattaaa taggaaaatt cgtggaaaagt tcaaaaaaaaa aaannnnnct      600
aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg      660
gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt                      707

```

```

<210> 5011
<211> 666
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

```

```

<400> 5011
atgtgntaac acacataggc tcaangtaaa ggggtggcga aagatctgtt atgcagatgg      60
aaaaaaaaagat caggggtcac tattcttgta tcagataaaa cagacttttt aaatcaacaa      120
cagtagaaaa aggactaggg cattacataa tgaagaaggg ttcaattcaa caagatttat      180
cctatacaca cccaagattg gagcactcag atttctaaaa ctattatttc tagacctagg      240
aaaagaatta aacggccaca taataatagt ggggggacttc aacacctcac tgacagtgtt      300
agatagatca tcaaggcaga aaactaacia attctgaact taaattnaac agttgactaa      360
ttgaacctaa tagacatcta cagaatactc caccacacaa caacagaaca tacttttttc      420
tcatgtgcnc atagaaaata ctctaagatt gccacatgct ttgtcccaa gcaaatctca      480
gttaantcaa aaaaagattg aaatcatacc cangcttttc agactcctcc atagtaaaaa      540
attggaaatt caacaccaag agnaaactnt caaaaacatg ggaaacttaa acaacttgct      600
cctggatgac cttttggggg aattgttaaa atanggcata catnaacccc ttnttgaaac      660
aatgg

```

```

<210> 5012
<211> 802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 5012
ttcgtntttc cngtagaact tncngcaaaa tcccgtancn gcangagccn atacgatccg      60
ggnccgntga acnaactaga ctacgcngcg ngcnggctg tttnaaanen tggccagnnc      120
ttcttnagnc ngtagctcaa aacctgtgag natcanacat canaaatgng ngaaanntan      180
agccnntnga anacaacatn ngngacaacc nacnanacaa nactatgggg ancagcttnt      240
ccatgtgang catagccang atccataacg anaangaaac cngaaccng gncnntenca      300
anatgnaana cncntgcnnt gctgcaatgc ccngcaaagn cgatgaaana acngggctac      360
atacngcgag gaaggactat gcaactgctn ggcaggacta ntgactnnaa nctgngatct      420
nnnnggnact nagaacngaa nnctnnaaag gnngacagnc caanttnaaa acngnnaaan      480
gnacngcntt cgacaacaag gntatncnga tntcatctga acacnggaag ggaaacnnaa      540
aacctanac gagnetnngg atngaannng gacnntanta nnaacgcacc ctttaagaac      600
agcttganct cacncnngaa ccngccatnt ttaaccccag ccttggggcac caccaggcaa      660
cgacaccagt ctancaaagn ctnangcnnn naananatna gcncccagcc cngaaacgct      720
gnggccngga atatncaagg aaaccagaac tcttaaaacg gtttcccagn nggggaattt      780

```

taaaaaagggg gccaacccct cc

802

<210> 5013

<211> 874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 5013

```

agcgggnttt taaaccctta tnntatncnc tnngaaacna aatcgcncta aaaggggngg      60
gggcgcgagc cntnnccac cccattncca aangaggnt cantggggtg nggccngca      120
ccattatccn nccccattcg naccnntaaa nogetctatc aantacaana ncatgacctc      180
cnetncatct ntctnctacn cttctnana cantattnan tccacttgat ttttttttc      240
ttaanactan ttatattact gctnctcggn gnetgentac cnttnccatg ctaaggctgg      300
nacancagnc ctgngnncna taccgtgnaa tccnccagga nancnancce ctngnancg      360
gaggnccegc annnccccnn atgcnnatag antagttcna nggactnnag ntncnatcaa      420
caactnnctn gnggngcagn ccnctnncc ttnnecagng ccntnancct acgggganct      480
gnatnatncn ctntnctata tgnaatccnn tnttnctcg gtntggngca caaacgannn      540
nntactagga antcttctn natagnccnt aanannacaa ngaatgggat taananctta      600
nncccttngg ctccanggna gaacancnnc ataccnnttn gggntttngn ntaanaantg      660
tctnannng gggnantaac taangnnacc cctantnct nntcgatccc cctanaagaa      720
ntnttctnt atctttctct ccaagtacag ancncntagn naaaggntcc catntctatg      780
ngncntnncn tttganacnc tnnctgngng acccactttg nctnngaang gncatnccat      840
ntnaancctta accatnngnt tattggnctc gccc                                874

```

<210> 5014

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5014

```

agttcatcct ttcnaatngc ttggetactt gttctttttg caggatccca tegtattcgaa      60
ttcggcacga ggtttttttt tttttttttt ttatagggat cactttttatt tcaaacaatt      120
aaatacaaac caatatTTTA ccccttcata gatgaaatca catcttttca ggatatgagt      180
ataaagtaac aagcctaggg cagagcttgt actgacaaag tcttgaaact acaatgagag      240
gaaacacatt gctctacttc gggataagtc atgaccgaga ctcaatttca gagacgctct      300
atgaacagag gtgcttgaag ccacagtggc agaagggaaa gatggggaag tgtgccgaag      360
agcctccagg catgacagac agtcccctga ccaagcaca gtaacaggcc ctttgggtct      420
ctgctttctca ctggaaaatg atgaagccta natctgatga ctccctagtgc caacatttaa      480
caaagttcga aagttatgca ggacttcaca catgtacgga atggctgtat cacagaatat      540
tatgccgtta gaaagttcac ggncactatt acctagcttc taaaattttt cagaagaaac      600
agcagactta ttaagtggaa tcttaaatTA aagggttan catttttaatg gaaataaatg      660
gaaaccagag caggggaacc caaagagccc anttagggga aagaatcctg aaaaaagtnt      720
ggntttacac cangnancag cntttgaaag aaaaaccct nttggatttt tttccanaa      780
na                                782

```

<210> 5015

<211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5015
 gccccccnnn nnnnnnnnttt tcaaanncn tttnnnnnnnn nngnnnnnttt tannnnnttn 60
 ttannnnaca gctcttggtc tttttgcagg atccctcgat tcgattcggc acgagctacc 120
 ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatcnt nccctcntca 180
 gngtcatggn tnccangngt gagnttnatc tgccnnacat ngtgacggag tttaggaaga 240
 atgntgccnc ctctntttat tccatgatta aggganatcc atnnggggac tataagaaaa 300
 gcnnntttnc tgctntgngg ncaanangan tnacnngncc cggnnnanag ctctatgct 360
 gtntgcctgc accacccct gccttccttc atacctttcc ntggatatgn atgccagggc 420
 ttncacatt gcctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480
 aaacantggg tgcttgnttc tgatcnctag agnganctn ttggnngnt ggagnactna 540
 antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatactntnc 600
 aaagaggcta ctgtgctttt anctttttt aaaacctcca tctgtattac attgnaaacc 660
 angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720
 aagttcgca ctaacttaac ctgaaaatta tnatgnnctg ttnacctat catgttnata 780
 actnt 785

<210> 5016
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5016
 gccccccnnn nnnnnnnnttt tcaaanncn tttnnnnnnnn nngnnnnnttt tannnnnttn 60
 ttannnnaca gctcttggtc tttttgcagg atccctcgat tcgattcggc acgagctacc 120
 ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatcnt nccctcntca 180
 gngtcatggn tnccangngt gagnttnatc tgccnnacat ngtgacggag tttaggaaga 240
 atgntgccnc ctctntttat tccatgatta aggganatcc atnnggggac tataagaaaa 300
 gcnnntttnc tgctntgngg ncaanangan tnacnngncc cggnnnanag ctctatgct 360
 gtntgcctgc accacccct gccttccttc atacctttcc ntggatatgn atgccagggc 420
 ttncacatt gcctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480
 aaacantggg tgcttgnttc tgatcnctag agnganctn ttggnngnt ggagnactna 540
 antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatactntnc 600
 aaagaggcta ctgtgctttt anctttttt aaaacctcca tctgtattac attgnaaacc 660
 angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720
 aagttcgca ctaacttaac ctgaaaatta tnatgnnctg ttnacctat catgttnata 780
 actnt 785

<210> 5017
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1425)
 <223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatattgaa	ggcctntgtt	gggaaccctt	tnggggggnac	ccttgganca	60
tttttgggng	nncccnctt	naaaacnadc	aagaaaaata	atgggnggggt	cttttnnggg	120
ggnnncncnn	nnncannnn	ccnatnnann	nnnnnnantc	nnnnnnnnnn	atntnacata	180
nanncncnc	aanancnca	ccncttnncn	tnncnccctc	nnnnnnnnnt	nnacnncnac	240
ntnnnaannc	acnannnnna	ntnnnnncna	ccnatnccn	atnccnccnn	ncannnanc	300
ancnancnnc	tnntanannn	nnnatncccc	nnnnntnta	nnctctccta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanct	ncnannctc	ncnncaaann	420
naatnnnnnc	cctccacaca	cantnnancc	tctacnnant	ccacnccann	ccnncntca	480
ncccnncaca	anncnntcc	nacnncnnct	cannacntta	acannacnaa	ccnccccatn	540
accanaccnc	ccccannct	ncnccntnac	tnncnccan	cannnnnncn	ccnactnnnc	600
nccnactcna	accannann	tnntatnct	cncnncnnn	nnnncaaanc	nannnacncc	660
ncnnnctcat	ccannntnnc	cncnnanann	tctnnnnncn	ctcaccannc	acncccnncn	720
acanactatc	tctatacnca	ccnncctnnn	nnnnnnnnnn	nnccancnca	nacanncnnc	780
actcctnnn	tannnaaccc	cnnncnncn	ntnccntnn	accanacnnc	cncnnnnaca	840
ntantaccna	ncnnnccnac	nanancnnc	nnntccacnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cncttctna	nnnannncn	aacnnnncc	ccnncanctn	atacnantnn	960
nnactnannn	ncatnancan	anannnnct	atannacaca	cnntanacta	cnctacnctn	1020
cannnactnt	cncnannanc	tnncanana	nacnnnnnc	nnnnntcann	cnnnnanact	1080
nctcancann	ancnctnan	ntncanann	tacnnncnt	nnnnanantn	cactcncnan	1140
nnatcactcn	cnnnnctn	nncccnann	nnncnnncn	anactcnnta	cnntatactn	1200
ctncccttan	tnnnantct	ancnnnnctn	tcnncntct	netcantcnn	cnccctctct	1260
atacnnctn	atntnncann	tnnnannnn	ctcctctncc	ctcnacctnc	ntccacancn	1320
cnacntcnn	natacncnnc	cnantccatc	nacacnatca	ctctnccncc	acnctntcna	1380
ctactantnc	tctnaacta	canacccanc	ncnntnncac	ancct		1425

<210> 5018
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 5018

ggccccnnn	ntttttttt	ttaaaannnc	cccctttaan	aacnnggaaa	aaaaaccnc	60
cttttttttg	ggccctnaac	ctttnggcn	ttcctttttt	tttgggccc	gggggnaatc	120
ccccnatc	ccggnatctt	cccggaat	ttncggggg	ccaaccggaa	ggcccagggg	180
ggaacctggg	aatgggaagg	gggtnccttt	ttaacaaaa	aaaaactntt	gttgggtngg	240
gnccannnn	nnnananana	nanannnnnn	naaaaaatcc	cttaaaaaaa	acaaaaaac	300
aaaaccanaa	aaaaaaaaac	caaatttctt	tcatttccan	aaaaaaaaatt	attctttang	360
gggacctgga	atattgggta	aattatgggt	caaatntaaa	taatatattg	gggcattcct	420
tacattgctt	gcaagataaa	atgctgtgcc	aaaatttgat	tttatattgga	gacttcttat	480
caaaagtatg	tgcaaaggaa	gctaggatag	agtgtccatc	cttggtgagt	gnttctaaaa	540
tnntttctga	tgcatatttt	acttggtggg	gagagatgnc	cagctcctct	gtcttgaata	600
acttattgct	tgtnncctaa	ctttgtagaa	tggttttcgg	aaaatagaaa	tctntatagt	660
nagataatga	taatgttctt	atttatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa	720
aaaaaaactc	ggcctaactt	agtgcgcgtc	nanancgctg	aagacattgt	gagtggcacc	780
cactgatgng	gaan					794

<210> 5019
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(957)
 <223> n = A,T,C or G

<400> 5019

gtnattctan	tnnancnctt	tcacnnaccn	ggtacccccac	ccgggtggaa	aatcgatggg	60
cccgcggccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacia	120
agtgcnnna	ttatacgct	naatccantg	ngnntggcct	anagtinnag	tanncatgat	180
ttnnngcnn	gttngtgcct	ggnttccaaa	ngnagnggac	ctagctgntn	atcaattntt	240
ntgagctaaa	ctgnntagnt	ccannncctn	ntgatantct	ccntnnanna	tcgaggatn	300
actagattaa	ctnggnaacn	nacanggatc	anatncactn	ataatanacn	nnatnaatna	360
nntcnacact	natccnnctt	tngetnnata	tntgnanaaa	caannnactg	aaaacntnta	420
ttntttaaag	nnntnecgnt	tnatgactca	gttnccnaaa	gctntatnnn	tattntgntg	480
tgtnnatata	caanctnnnn	ncnnnnnct	tgtttgntnt	gctcntnnnn	gtttcaaana	540
gaataanaaa	nctnnnnnn	nnctaagana	nacattcntn	agctnactat	ncnntactcn	600
atnatnattn	tatgccaana	ntgtagccnt	ccnnatntat	nnctaaaaaa	ttnacgncta	660
tataannacg	naccttnnca	tancgggntn	taannngggt	ntngatctcn	catnatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	nttntttctc	780
attnaatnaa	aaacggtgtc	taaaaanncg	aanntnaccc	ttgctgctct	tcacgnaat	840
ntatacnnta	tcntatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnaccntnc	gncttatgnt	gntngattcc	ccctctntca	naanncccna	aaanncc	957

<210> 5020
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 5020

gtnttccttt	caaattngctn	ggctacttgt	tcttttttga	ggatcccatc	gattcgngta	60
gccgaccngc	tgctgtnnnn	ggtgcttgnt	acgaacggtg	ccacnannct	gagantngtn	120
acnctaganc	tgnaaaacntn	atngttnnct	gcctgnatna	ccnagnaggc	tnnnatactn	180
aagatngcaa	tnctgannaa	ncctgcntna	tgtnccnnng	tctctnanta	ccagannntt	240
gannnnnttac	tggnntatta	gatggctatt	atctctaaat	tcnggatgcc	tacctggctt	300
ataacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgcccacc	tgtgatnnta	360
cccatgaaca	cgtnttggat	actgngaaat	atcggatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cnaagannnc	nttaataagt	ttaaggccan	ngccnnntnn	480
attcttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atgggtcaact	aatgacatnc	ctgaccatt	ccangngatc	accntccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttgggtaan	660
acaagtgttg	annggttggg	naanttttta	acaaacgcca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacnccgatt	gntgaaagg	taatgaatgg	780
gtnnccctgga	acggnggtaa	ntttggaa				808

<210> 5021
 <211> 788

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 5021

cttaannaat	ncnttatcgc	ttggctactc	gttcttttctg	caggatccca	tgcgattcga	60
attcggcacg	aggtactntg	agtgttttggg	ggttnnncac	acacatgcaa	ttntgcttaa	120
caaaagtatt	ntataatata	gnttcatata	gaattacctt	aaaagggagt	cttatgtttt	180
caactacaga	tagttgtaag	ggatcatata	gaagatattg	atgatatgtg	aaatattctt	240
agaaggggtg	tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	cnagcagtat	300
aaaatacctg	tgatttttct	ttacattagg	gataatgcat	aaggaattaa	tcttcatata	360
tattatcatc	cctaattgtag	catggggaag	tatttaattg	cccatgatat	gtattttact	420
tatactatgc	catanaggaa	actataaagt	gattacacat	gtaatcttgg	gtttttcaca	480
tatgtaggta	ttcattttga	gcaaggttga	aagaacanaa	naaatattta	aatgaattga	540
attcctgatg	ggatagtatc	aataagtatt	taaaanccna	gtattctnaa	aatattcagg	600
ggtangggtc	atthtttgagt	ttgggnthtc	ttthncgaat	gggtaaatat	ttcaaaattt	660
aaanggggta	caattgggtg	ncctgtnggn	cctnaaaggc	ctthttattg	gggnaaccag	720
ccnttnngaa	tnnatngaac	caaggggggt	ttagccaatt	gccaaactcc	tataanttga	780
ttthngcc						788

<210> 5022
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 5022

gnnctaattg	nnggctatcg	aactnccgna	nanaacgnng	ntnccaattc	ggcacgagag	60
gttgctcacc	tgaaggagca	caggagggtt	ttccaggcca	tgtggctcag	cttcctcaag	120
cacaagctgc	ccctcagcct	ctacaagaag	gtgctgctga	ttgtgcatga	cgccatcctg	180
ccgcagctgg	cgcagccac	gctcatgac	gacttccctc	cccgcgcctg	cgacctcggg	240
ggggccctca	gcctcttggc	cttgaacggg	ctgttcatct	tgattcacia	acacaacctg	300
gagtaccctg	acttctaccg	gaagctctac	ggcctcttgg	acctctctgt	ctttcacgtc	360
aagtaccgcg	cccgttcttt	ccacctggct	gacctcttcc	tgtcctcttc	ccacctcccc	420
gcctacctgg	tggccgcctt	cgccaagcgg	ctggcccgcc	tggccctgac	ggctccccct	480
gaggccctgc	tcatggctct	gcctttcatc	tgtaacctgc	tgcgcgggca	ccctgcctgc	540
cgggtcctcg	tgcaccgtcc	acacggccct	gagttggaag	ccgaccctta	cgacctgga	600
gaggaggacc	cagcccagag	ccgggccttg	gaaaagctcc	cttgtgggag	cttcaggccc	660
ttcagcgcca	ctaccaccct	gaggtgtcca	aaagcccgca	gcgn		704

<210> 5023
 <211> 729
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(729)

<223> n = A,T,C or G

<400> 5023

```

gnnnnnnnnn nntttgttnc taatngcngg gtggctcgnn ctttcncgca nnagcnnngc      60
ngtgtcgaat tcggcacgag atttcaattc atagcaaact ggtgttttaa actattgcag      120
tagctggaac tttttagtgt aaccagcatt tattggagaa gtgaatcaca aggaaataaa      180
gatgagtaaa agcaaagatg atgctcctca cgaactggag agccagttta tcttacgtct      240
gcctccagaa tatgcctcta ctgtgagaag ggcagtacag tctggtcatg tcaacctcaa      300
ggacagactg acaattgagt tacatcctga tgggcgtcat ggaatcgtca gagtggaccg      360
tgttccattg gcctcaaaat tagtagacct gccctgtgtt atggaaagct tgaaaaccat      420
tgataaaaaa actttttaca agacagctga tatctgtcag atgcttgtat ccacagttga      480
tggtgatctc tatcctcctg tggaggagcc agttgctagc actgatccta aagcaagcaa      540
gaaaaaggat aaggacaaaag agaaaaagtt tatctggaac cacggaatta ctctgcctct      600
aaagaatgtc aggaagagaa ggttccggaa gacagcaaag aagaaatata ttgaatctcc      660
agatgttgaa aaagaagtga aacgattgct gagtacagat gctgaagctg ttagtactcg      720
gtggggaan                                     729

```

<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5024

```

gtnnctaata gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcctgg      240
tgcctttggg atcgactggg ttttaatggc ctagtatttt gaggattttg ctgtgttggt      300
ttccatgtct tctctggcca ctttgatta tatataaaaa tacaggaaat agataaacat      360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggccttagt      420
gaataacttt acataacctc agtttttaac acatgcatat cttctccaac catgaaatca      480
aagcacggtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc      540
ttttgctttt gtttatggac aatgttcagc tgacataaagc agaagttggc caaaatactg      600
cctgtactgt taatttcctg tataattcac ttaaataaaa gcaggttaac ctcaatgata      660
gcagttaaaa tgttctatct tatgtatttc ttttaagtat taccaa                                     706

```

<210> 5025

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5025

```

gtnnctaata gngggctant cgttctttcc gcagganccc ntcgantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcctgg      240

```

tgcctttggg	atcgactggg	ttttaatggc	ctagttat	gaggattttg	ctgtgttgtt	300
ttccatgtct	tctctgggtca	ccttggatta	tatataaaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggctttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatat	cttctccaac	catgaaatca	480
aagcacgggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattattttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataaagc	agaagttggc	caaaatactg	600
cctgtactgt	taatttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tgttctatct	tatgtatttc	ttttaagtat	taccaa		706

<210> 5026

<211> 968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(968)

<223> n = A,T,C or G

<400> 5026

gtaccaatgc	tttgctactn	gttcttttgc	caggatccca	tcgattcgaa	ttcggcacga	60
ggcggacacc	aagtctggac	cacctcccgc	tgcgtttnc	actcanagaa	acatcnnggg	120
cgnggttaan	acacggnatn	acnggaagca	nganncnng	cancagcna	gnntgggggc	180
ctggcnctgc	nngctangcc	aggatgncca	tccnccctt	tanactgtcc	cttgnggcct	240
gtgctnnntna	aantggtnnc	ngtnagcnct	gccngnttnc	cntattatnc	ccacnctnng	300
cttctnaatn	ctttatgntc	cntntnana	naccttncta	tactgtancc	catcttnctn	360
tnaatnnntt	ttcanggatc	tntnatattn	tnttncaaan	tcnncnatan	tnantnatta	420
ngtntnngan	ttncattcat	attaanttnn	antncattnn	nctngttnan	nntntttctt	480
tctnnnnngn	ttncnnnttc	ttataatnng	taatttantt	nctnntatc	tacttnttan	540
ttctttcaat	cttnaatnt	ntttacatnn	nctnctcatc	cgntnttaacn	nntntcattn	600
ttactctac	ctttctctnt	ctgtnttaac	ttactnatna	tcncttceng	ttntttatat	660
ntnattcnct	ctnctcataa	anctatctnt	nctctcnca	ttcttgactt	tcnctctccn	720
tctcttatat	ctctcgtctc	ctencaatat	ntctctatcc	tctntcnttt	cacattctta	780
ttntncnatc	nttcggntn	tctncttntt	ctctctntaca	cnttctanac	ttctatnant	840
cttcaactcat	nncnctntnn	nntcnacatc	ttacnnnnng	tgcttnttan	anntttannt	900
acatanenta	ntcctcta	ctatatntca	tannactcta	ttgcttntnt	tctennaac	960
acacnanc						968

<210> 5027

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 5027

gnnnntnnnn	nnttttttgg	gtcttncgct	tgttcttnt	gcaggatccc	atcgattcga	60
attcggcacg	agggatcact	tgagcccagg	agtttaagtc	tgtattactg	gaaagggggtc	120
ccaatccaga	tcccaaacia	gggttcttag	atctcacaca	agaaataatt	cagggagcgt	180
ctataaagtg	aaagtaagtt	tactaagaaa	gtagaagaat	aaaaaatggc	tactccacag	240
gcagagcagc	tccttggggc	tgctgggttg	cccattttta	tggntatttc	ttgattatgt	300
gctgaagaag	gggtgggtta	ttcatacctt	ccctttttta	aatcatatag	ggtaccttnc	360
tggcattgcc	atggcatttg	taaactgtca	ccggtgcttg	gtgaaaagtc	nacanttgag	420

```

ggccaaccca aggncaactct nattggccat ctttgggttt tgggtgggatt cttaccnngn      480
ttnttttact gcaagctggg tttatcatca aggnctttat ganctgnatc ttgggctgan      540
ctccgatctc aatctgncaat cttaaaacgn ctnactgtct nggatngtaa ccccaatagg      600
tctnaaacct tanttttacc caacttctat ttcaagatgg aatttgctct tgggttcaaa      660
atgccctntt gacaagcanc cagtnaacct nttcancata cccacttgga ntttcaancc      720
tgggggtggac aaaaaccaat taccctntt tttaaaaaaa aaaaaaannn nnnnnnaaan      780
na                                                                    782

```

<210> 5028

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 5028

```

gnnntttnnn tttttaangg ctttggcttg tcntcttagg atcccatcga ttcgaattcg      60
gcacgagtga acttgttcat tttgttttgn ttgggaggaa aataaacaat tttacttttt      120
tccttttagg gcattatgag cattatgtca gaatagaata gaattggggg tcgatcttaa      180
caggccagaa atgcctgggt ttttttggtt tgtttttggt tttgtttttt tatcaaatcc      240
tgctgactg tctgcttggt ttgcctacca tcgtgacatc tncatggctg tccaccttgt      300
cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tcnaanggct      360
gctgacattt tgggatcttt cantntganc attcanatcc aaggctctcan ttaaaccatt      420
ccngcatcat tgnttataat cngaaactct gggccttctg tctggngggc ttaaaagctt      480
ttgggccata atgcaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc      540
ttcatggacc ccccaattaa ttaagggaaa aactnaactg cantgggggg gttttgnaaa      600
aagggtattt antaccttct ttaaacnaat tccttttttt tttcanggga cttttttcta      660
agcctggnat tgnaccgggt aacnnttgga accctttctt tttggaaaaa aaccattttt      720
cccnaaaaaa agggccccc aattttttta aaaaatgggaa ttttaaccntt ttttaanccn      780
aacnnttaaa antttttttt ttttnn                                         806

```

<210> 5029

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 5029

```

tgntnttcta atgctggnnn ctcttggtct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagggac tcagagcctg ggaaggaggc cgctatgcag ggtagcactg ggaacaggag      120
accacactga ggctcagccc tagccctcag cccacctggg gagtttacta cctggggacc      180
ccccttgccc atgcctccag ctacaaaaa attcaattgc tttttttttt ggtccaaaat      240
aaaacctcag ctagctctgc caatgtcaaa aaaaaaaaaa aaaaaaaact cgaggcctct      300
agaactatag tgagtogtat tacgtagatc cagacatgat aagatacatt gatgagtttg      360
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta      420
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc      480
attttatggt tcagggtcag ggggaggtgt gggaggtttt ttaattcgcg gccgcggcgc      540
caatgcattg ggcccgggtac ccagcttttg ttccctttag tgagggttaa ttgcgcgctt      600
ggcgtaatca tgggtcatagc tgtttcctgt gtgaaattgg tatccgtcac aattccacac      660

```

aacatacgag ccgggagcat aaagtgtaaa gcctgggggtg cctaagtagt gancta 716

<210> 5030

<211> 1206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1206)

<223> n = A,T,C or G

<400> 5030

```

nggggncgat ttttcnaaaa aatntccccc ggngaacggg gncaccttgg gggncanenc 60
cangaaccnn ttttgcnaaa aaccccnttt ggncnnaana nnaccnngn nnanecncet 120
accnacnaga anccnnncn acnccanngg gancnanaac accgcncntc nntntaccan 180
actanatcnc ncntaaacna cacnaancng cacnnacanc acccaccgta tggtaacnnc 240
nccangcacg agcacancac nncnaanagc ncgccactaa cggggcgggg cnaacgcata 300
canannnacc nagnaancnn acaacanacn ctacacncga cnaacaancn nccagntncn 360
aanccgccag acnccccann tcangnacaa cncncnccac accaccaga nnagaccacn 420
tccccnnnca ccaccnnaac nannnaaacn accctncatc angaaccncc caannncnnc 480
cnaacncccc nacnncccc canncacng ncnanccnaa nagacacca cccccacacc 540
ctnncnncna anaacacntn acaccaccan ancacaacaa naacctnncn ccannaacnnc 600
nanannnnnc cacacnnccc nanccnctn nccaanccac accnncnnc nccnacncna 660
ancacnccn anctncactc nacancanac cnaaccccaa tancacacca nccaccacca 720
aanccactc acacncanac tatacagcng acnnnaanca cctcanancc nnnccnccnn 780
cnacnnctc ncncaccaca nancnacaga ctcanctncc agcanncacc nncgcccnn 840
tnnctcnnnn acancacnca tnagcanccc ncancgnnca caccncacca ccnnacancc 900
aatnccccacc cacatccnnc cncnctcct atancaancn cccaanccga ccgactncan 960
ctngctcagc canacatcnc gncgcncntn cnacactanc nacnncacc tnaactctnac 1020
nategcance atcgntccnc ncnnancaca nncnnannng annatncnnc cctccacata 1080
ccactacanc atnacngcnn ccnnnatcnn nacatcnacg ccaancncca caggaaccnc 1140
acgntaacc atcacgacna cccaccacg acnngctaan cgacnacnct atccaagcnc 1200
tncgcc 1206

```

<210> 5031

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 5031

```

gagngggnnn ttngnnagn nnnnnnggn nnttnnaaag ncagctcttg ttctttttgc 60
aggatcccat cgattcgga gttttttttt tttttttttt tatatatact gcaattttat 120
ttcaatcgca caaacgaagt tagcatgtag gaaacttaaa tgaaacaaat ttaaacgaaa 180
tagttacggt aaaaatagca gaaaactgaa aattctaaaa aggaagtaca cctaaaagca 240
tgagaattca acattcatta gtgtttcatc ttcagttttg attgacactt gatgcttgca 300
aatttttaaa caaactttta aatcatgatg actattctga agagatttca gcaccagcac 360
taagatttgt acattcagtt tgtttgcaat tgacttggtga gccatttaca tagtggatag 420
tacagacttg tcacaggtca gatcacagtg ttgaggaaaag cagtgccttc ctgtcattag 480
aaaggatccc ctaaactgtc tcagcttaag acatccaacg tacaagagca caaaaccatc 540
ataataatgt ggttccaagg aacgtggttt tgataaggta aataacttag gttctgttt 600

```

```

cccatTTTTaa ttctgaaatc tctaataatg acacaactgt catgtatgat agcaaagtga 660
tataataatt cattcagact tcttggaag aacatttagc caatctggga tgatgggaaa 720
tntagcatga ttcaacactg ggtttttttt 750

```

<210> 5032

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 5032

```

gtnttttNaat ttccaactct tgtctttgCG gaccctcgat tcgaattcgg cacgagggtg 60
ggtcctggct tccctaaaga taattggaag acttcattgg attgatagag agaaactgCG 120
taatttcatt ttagcatgtc aagatgaaga aacgggggga tttgcagaca ggccaggaga 180
taaggatatga aaaggatcca ccatacttta tttggaattg ctggattgca cttttgggag 240
aagaacagat taaacctgtt aatcctgctt ttgcatgcct gaagaagtgc ttcagagagt 300
gaatgttcag cctgagctag tgagctagat tcattgaatt gaaagttgca tagtatagtt 360
ttgccatttt aacattttctg natttgaaag tgcttatccg aatctaaaag tgactactgg 420
taatattttg natattgggt taaattaatt ttaataaatt atataattat acatattgga 480
aagcctctta gaactatagt gagtcCGtat taccgtanaa tccnggacat ggattaggat 540
accattggat gaagttttgg accaaacccc caacctngga atgccaatgg aaaaaaaaaat 600
ggcttttNaat tttnggaaa attttgggga aggcctattg cttttNaatt tggtaaacc 660
nttttttNaan cctggccaat ttaaacccaa ggtttNaacc aanccaancc naatttggcc 720
attnncaatt tttaaaggg tttccaaggg ttccangggg ggaaagggtt tttgggaaag 780
ggtttttttt naaaattttn cgggggcccc cngggngccc 820

```

<210> 5033

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(826)

<223> n = A,T,C or G

<400> 5033

```

nnctngnngt tctaattgctt ggngnnctng ntcgctggat nggatcntnt cgttgccctg 60
tnnactnggc nngacnngnn tctgcnngc cgttgannca cgnnnntantn cnccaaangt 120
anatgatgtg gtatctnatg tcncnatcna ngnttngaana aaccaaagt ncctnacntc 180
gnaganaccn tgcncnant nggnnatnct caattntcc aggcntgann nncntgcct 240
gnncnncnag ntacncanta ggcctaagca gganactnnt ttntaccan nangtgtagg 300
nnnnggtgac ccnanatcnn gctnctgnac tcnggncctg gtgacatagc tagactctgt 360
ctnanantca agccctcaaa gctngaactg nttatacana ccctgtgtna attcngangt 420
gaaacgctgn tgcctactgn aaatggggat ttgggttagc gatnanatag gctaaatcac 480
ntntnatac gtgatcctng ngtnanantt tgcccgaatn ggtngtacgc ntatannaan 540
atanttcntt gttngatanc atcttcctac cntananttt ctngaaaaan aaagtttggg 600
ttttgacnan cactnnacn atggnnntng gttgggtgccc tgcttgcttg gtttgnaatt 660
tnnagcccn taanaanact tntnngngt nctggaatan ccgtnnnatt ccngacatc 720
atntntagcn tcnttgntt naantggggg nnannaccna nttgttttna attcngantn 780
aangaaaaat gccctntttt nncgaaant tttgtggnc ctttnc 826

```

<210> 5034
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5034

nnctngnngt	tctaagtctt	ggngnnentg	ntcgctggat	nggatcntnt	cgttgccttg	60
tnnactnggc	nnnacnngn	tctgcncngc	cgttgannca	cgnnntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcncnatacna	ngnttngaana	aacccaaatg	ncctnacntc	180
gnaganaccn	tgtcncnant	nggnnatncn	caattntntcc	aggcntgann	nnccntgcct	240
gnnccnncnag	ntacncanta	ggcctaagca	gganactnnt	ttntacccan	nanagtgtagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnggnctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgctactgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
nttntnatac	gtgatcctng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gttngatanc	atcttctctac	cntananttt	ctngaaaaan	aaagtttggn	600
ttttgacnan	cactnncacn	atggnnntng	ggtgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	ntttnngngt	nctggaatan	ccgtnnnatt	ccnngacatc	720
attntatagn	tcnttgtntt	naantggggg	nnannaccna	nttgttttna	attcngantn	780
aangaaaaat	gcccntnttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5035
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 5035

gnnnnnnnan	atcagctcct	tgttcttttt	gcaggcagga	tatccnacgc	taattctgca	60
cgcacgaggc	taaggttaca	nnagnatgng	ttnccttgat	nacaggtcac	tctcncaaga	120
tgcgctnnct	gcagtcagnt	gcataactng	tnaaannacc	nganatagna	ccantcttat	180
atgggtatgac	agtgtnnnca	gtgggagcaa	nggtggtcca	tagcctgcct	atnatatcac	240
cnatatctgt	gaacacactc	atngcagant	cagggncagc	natctgntna	atggacttgn	300
attatgtntg	naccntngct	tnctgtngac	ncngnntgag	cgcaactttc	cttangggacc	360
ttanggnacc	nnnntnaacn	tactttncan	atgatggnnn	ttntgtcaat	cccggatngn	420
tncacggtnn	cnnatggcna	aagncncnac	ctttatntna	cacgttgaca	ttacttttacg	480
acnctagtca	cactnttgga	ctccattgtc	cacatncctg	ntntatgana	acnttaaggt	540
tttactttac	aananntnna	ccntggcntt	ncaaagtatn	nnccctgcng	acctttcatt	600
ngcaagggnc	ctanactttt	tgcatngaaa	aatttttaggt	aaagttgctt	ttccgctttt	660
agngcccttt	cctaggggta	ttaatttggt	tggggntcct	tnccctntac	ttcccccttg	720
gccccgnttt	ttcncnttn	nggaaanccc	cccccttaat	tnnncccccg	tgnttttncc	780
ccncccnca	aaaccnggc	aaaattaaag	gggggggaaa	attgccccct	tnnttttaaag	840
cccgaagg						848

<210> 5036
 <211> 715
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 5036

```

ngnnnnnttna aanatacagc tggtcttttt gcaggatccc atcgattcga attcggcacg      60
agggctatta aaaatgtaat cagtgtgaaa attcatgccca tctgaatcgt acgagtatgt      120
aagggtatttg agttccttac agaattttct gtaatttagt acttcaagtg acttataaat      180
gtatatactt ctctctcaca aaagtgttag gagaaggaaa atcttaaata ctagcttgat      240
ttcttaatttt aataacaaaa aacaattctc ataacatgta tcacctaaaca tgtcactttc      300
actttaaaaag tctaaagagt tgaggtttat ttcttttctt ttaaagttga tgtttatggt      360
ggtgatttcg aaaagatcag atcccccggt atgaaggatc ttaaccttgt ctttttagatc      420
tccatgagaa atgcagtaca tgtagcatta gccatatttc ttttttagag gcctatgtag      480
gatatttata acctgtaaaa gtttgatgac ttcattgctc ggagaaagca agtaattacc      540
tagccaagcc aggtgggtgt tcagggttagt ggtaaacaga aaggagatgt tgaaagattt      600
catatctaaa gggtaaaaac acaagagaag tatatagaga taaacatgta aagtataaga      660
ctgntacata gtaagctcct ncgaagtggc agccattggt attatttttc tgcng          715

```

<210> 5037

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 5037

```

tggtttttgat cnagnnctct tggtcttttt gcaggatccc atcgattcgc ggcggtgtcg      60
gcagctgctg tagcgaagag agtttggcgc gatgtctcac accattttgc tggtagagcc      120
taccaagagg ccagaaggca gaacttatgc tgactacgaa tctgtgaatg aatgcatgga      180
aggtgttttgt aaaatgtatg aagaacatct gaaaagaatg aatcccaaca gtccctctat      240
cacatatgac atcagtcagt tgtttgattt catcgatgat ctggcagacc tcagctgcct      300
ggttttaccga gctgataccc agacatacca gccttataac aaagactgga ttaaagagaa      360
gatctacgtg ctcttcctgc ggaggccca acaggctggg aaataattgt gttggaagca      420
ctggggggggt tgggggtgggc ttggaacaca ggtgtgtaca gcgtgctgta atggaaagtt      480
ttgnatcata gtaatcctgt ttccactttg gtatctctac ccagattgac tgtattagat      540
gaaatgtgan gatcttggtc aatcggaaac cccgtacctc ctcttttctt tctctttctt      600
tnnttttttac ttaacatttt atgatgattt anatggaagt ggtctttngn acttaatgtn      660
ggttccagnc ctttaactgg tcaaaattta ctttttacan tnacattctn aacctttttt      720
aaanaagggg ntgggggggtg gnaaatgcnn nttaacc          758

```

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 5038

tnttgggaang	tgtagnctttt	tttttgggaa	aaaaaanccc	ccntttttttt	nggggggggaa	60
naggtntnecg	gggnntnttn	atancnaata	cncnattttt	tgaanaaaan	nacccttnt	120
cangggnacaa	aatatnctaa	attnacatct	acatnnnaan	caaattatnt	ncatcnnatn	180
ggacncatan	tcgacacacc	attttntnt	ancacacgtn	naacatacat	ntccaccacn	240
ntnaanatac	ctctctctcc	anttnncann	cacnncctt	ctnntaatac	antacancnn	300
gaacccccctn	tcgngggccc	natntatatn	anaaancacn	ctaccatan	atcacacnnt	360
ataatnatca	tncnncatac	ncannctcnn	annccaaatg	atgcaatnan	naccacacac	420
tncnntcaat	cccncanana	tnttacnccn	anancnngn	ttannncanc	atacncaanc	480
cacnaccana	tncntcncnn	nacnnnnnc	nennannnnn	ccancacnnn	nannnnnnna	540
aannacannn	nannnnannca	tnttctnaa	tatanacn	anaannnnnc	anacnacaac	600
cactcnngac	tcttaaactn	cntananaca	ctncantnnc	cccaagacac	anntcnnnta	660
agatggacna	cctntntaaac	atcnacacct	agatcnatnn	nngncccaa	nctanaactn	720
tcaatccntc	cagcnaactt	caactnnnac	nacctnanna	aaatctncgc	acacnccnat	780
nncacctnac	ntannnaann	tacaccctn	ctatnanata	ctcacannnn	tncntnttta	840
tatcaanntn	ttntcantaa	aaaccacgtt	naatatcacc	naactcncnt	atntcnaata	900
agtacgctca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acanctatng	960
cnacaggant	cnnccacngt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tncntacga	cntntgncaa	atcgaaacn	ntntaacaan	anatnanatc	1080
tncntnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattccccc	1140
nncttanntg	tcnccacnat	aaccgnaatc	nccnnaaaca	catggnaana	tccccactan	1200
tcgnatccca	cnccttcaaca	cnaagancnt	accacnntac	gtanacnaan	gancttgggg	1260
tnnaaanata	cttnccccc					1278

<210> 5039

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 5039

ngnnnnntttt	nnaanaccct	nnctacttgt	tcttttgcag	gatccatcga	ttcgttttttt	60
ttttttttttt	tgactcttga	gtggatttta	tttttgcact	ccaggatgca	gtgaagacgg	120
tggaagggttc	atcttcacac	cgagggccct	cagtgtcgag	gtgactcccg	gcctgaggag	180
ggctgaggca	tcttgaattt	tgagagttcg	aggttgaggt	ctaanaaggt	gtacgtgctg	240
taagtcatga	tgctgcaggt	tctttaggtt	agtgtgtca	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgccgc	ctcggtcgtc	ccctgcgcng	ntgcactctn	catgggctcg	360
ccctnggcct	aanccttaac	gctgctggct	tttcatggaa	acccngggta	tttttcaaaa	420
gaactggctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtgggcttct	attcctgcgt	cctgaggttt	cctttntggg	caagggaagg	ggcccccttg	540
cncctgggct	tttggcaccc	ggttttttnc	natgccctt	ttgncggccc	caagaagaac	600
ttggctttgc	aacttgnecc	ttntggttnt	tggncctttt	tttggccaac	acaaacaagg	660
ccnccctggg	ctttgccctt	tcgggngggc	nccaaaacaa	anccctgaat	ttttgtggtg	720
ggacaagggt	naanggggtc	cctttnaacc	tttcaaaaan	gggctttttg	ggcttttctt	780
tttaaccnaa	tttcna					796

<210> 5040

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1308)
 <223> n = A,T,C or G

<400> 5040

ggcttnaaac	ctttgaacnc	gcttattcng	cggtccancn	ttngncngn	tacnggtang	60
gctgngnnta	ggcnttncat	tgcgangcng	nncccnngn	gnnncnngt	tgancnnng	120
ngncngtntg	gntnagngnc	tacnaacttn	gaancganca	gnnnnngcn	ttntggggccg	180
ccactgccnc	gaggntcca	nncnctagtc	accnngng	tacccttagc	nncncttggn	240
tcctctngca	ccnnntenta	gaaaatnccc	nncnnnann	gncttcttna	gtgggttaann	300
tcngttnnt	tcccccnnt	ggggnncttt	tngtgcgcac	atngcatcat	tacctntngn	360
nnagtcnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agttntctnt	420
gtgtcgnnch	tagnnanngn	tntanacgca	tncttggnn	natgannent	netcnngttn	480
atctctcatg	tngcnctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacgganana	tcgntcntnn	anntattnta	nntncangca	cttcntatgt	600
atatnagntg	cgtancgtnn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnana	tcctctgcna	tangtncnat	actcngtata	ngncnctcta	tatntaacan	720
agngtangtc	tntgcgtacc	tcncnngnan	tctannentn	gggtattcat	natnncaccn	780
tntagtnaac	nttacncgnt	gattnatnta	nccnnatcgt	tgtnananga	cananncnct	840
natncaangn	nntacgtatn	gcacatanct	atgantncc	tagatngntc	gctcaactat	900
cggcaanctc	tncataagnt	gtannntnan	antnatgtag	tctnctgttn	ntngaccgct	960
atntnnntcg	tanctacnch	atccacnnaa	gananntntt	ngtngnntnn	ntatngctca	1020
aanntnggtg	ttctnaatcc	ccntctcct	ttntntgnan	agtntgcnan	agttantcgg	1080
nngngtagcg	nntntacccc	tatnggagag	gnttctnant	tatgcgacat	cnccannnga	1140
nnngnnaann	acggcngggg	gnttcctctc	tgatntatn	ctctanctc	tngcacgnnc	1200
nnngctttnt	canatnaaat	accntgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgagatagnn	cccnntagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 5041

gnnnttnnaa	nncnngggt	ttaganaggg	cngcaggttc	cccanacaa	ctcnntgcaa	60
gancggtagc	attcattacc	tgtttattct	ctgctgcac	ttacagaaga	gtaaactggg	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttcctnaat	240
gaaaaanaca	tatngagaat	tgntctaagt	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	ggtgcatgta	360
tgtnacagtc	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaaaagtgc	atgggggacc	ctgtgcac	gngcataatg	gcaaanngnc	480
ttanaagggc	cgancggaag	atcnatncng	acntgacngt	tgantgtca	ggagctgacg	540
acgaggggat	acagcgggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	cacctttaaa	nntgnngatt	nacacaactc	cntncaggga	atngngttnn	660
nccanncng	acnttattcc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042
 <211> 1105
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1105)

<223> n = A,T,C or G

<400> 5042

```

gggggncggg natnaanngn tnggaaactn atcncangat agcgcnnggat tcngantggg      60
ttcgaaaaacn ctncntnncg atttnaaata aaatnttttt cntntttccn ctgaggancca      120
tnttgaaagg nccagnngnn aaanaaataa gnatinnggg ntcaaatect ancaggctca      180
naaatgcttg nggttnnnnt nggttcnttn tngctntecn ctennatate anatcctgcc      240
ntgacntggn nnnctcntnn ntgcctnnc catcnnatgac atcncncatg gcatgtanca      300
accntnnenn gntannnnnt aaacnacact tgnattgtct gnantgttng aaatnaaaca      360
atngcaaccn cccantnnna nngggcnnng ccagnncaan acttggnann cttntcanna      420
tnatccnntn centnntncc cncatngtta ntcaattgta taacatttca nnnncganc      480
tttatatntg nnttnttgnn anngnntann tanctncncn ngnanccann tagagatnnt      540
ggtgcngnnc tnccataaaa nggtntctatt tgctnncaacn ntacatcagc ctanctctna      600
atnttttagta caggcnacgg gaatatctcc ncnngngnga caaaatattc gcgngganat      660
nagntntttt tngnnengng taccatctcc cgannattat actnntnnat angngatnta      720
aactctataa agtcnatgtc ananntantn agngagatct nncntgnaaa anaaangnng      780
ctcatgatct ctcnntatnt atnnnatcnc tcannncta caatctntan ccanttnacg      840
ngcnnnatta nnnngngggnc anattncacg tgctcctcta agncccntgt gtctananac      900
ngannctng nantcaancg cnanagnngc acacnccgat actaantntg nacttcata      960
ccaattantn atgtntcatn ncccgacatt aatnagggtc nnaattnta naatcaatgt     1020
ctnnncacna natcngncgt attccaagnt natatntntn aagnnaccnc tctagcncnn     1080
ananncaactt tnngtcgtnt angcc                                           1105

```

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5043

```

gtctaangna ncagctactn gttctttttg caggatccca tcgattcgaa tncggcacga      60
gcttccttgt ataatactga tcattctatt ttagcggtaa gaacccaaga aggagtatgg     120
atacctgtaa agctttctgg tccttgggaa gcctctcctt ctgtgcatat tattactgaa     180
attcttcaaa agattctgag atgctctcag tgtttcattg ctactttaat tttaatcatt     240
atgggattga ttgctgtcac agctactgcc gcggcanctg gagttgcttt gcatttcaca     300
gtncaaacag cagactatgt aaataattgg cagaaaaatt ctactttgct gtggaattcc     360
caaactaata tggaccagaa actagctaat caaatcaatt atctncaaca aactgtaatg     420
tggctaggag attgagtagt tagtctagaa tatagaatgc anttacaatg tgattggaat     480
acttctgatt tttgcattac tcctcatctg tataatgaaa gacagcatga gtgggaaaga     540
gttaagaaac atttgaaagg tcatactgga aattnacttt agatattatg caactgaagg     600
aacaatatatt tcaatcttct ctggcacatc tgacactaat gccaggaact gaagtgcctg     660
aaggcgcttc anatggataa cagctattac ccattaaaat ggatcaggac caannaaann     720
aaaaaaactc cgagccttta aactttgngg agtcnnttc                                           759

```

<210> 5044

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 5044

ctctencnnc	nnnnncnntc	tctnncnntn	nnnnntnntn	nnnctcnnnn	cnnnatctnn	60
nnnnncnctnn	nnnnncntnn	cntcentctc	ttntntnget	ctcntntctc	ntncatcttn	120
ccnctattnt	cntnntntc	ntctntcnnn	antnctnnnt	tctnctnnc	canctntcca	180
tnntntactn	tcnntntct	ggctntnta	tntggggggg	ctattnttn	nettaaatecg	240
actngttcca	agtctcttan	cngctctnt	ctnnctntct	ntgcncnctn	ctggggcctt	300
aattncccn	gctntttan	aagngngnaa	ttaaggntc	nnntctann	ctntgcaagg	360
ctaagtnta	gatecngnta	gaanncgnta	catgttgga	acngacanct	tctgcncaa	420
agngggctna	ggcanngnnn	tntgcaaann	ctcnntntc	nnancttggn	tcncgtagan	480
cggnnncccc	tgaatttttn	ancnngganc	nttaaatnt	ntngnggtac	ganncccn	540
ncgnnnnnnc	gnntannccn	canngttaan	tgcncnna	nnnantcaac	tctntntec	600
tnntnnaacn	nnnttantct	annatntta	cnnntnagnt	tttctctnct	naennctctg	660
tntntntnn	atctntntct	tctncttna	ttntatctc	ntntntntnc	tnccctnate	720
tatctnctac	ntctnttcc	netctctct	nnctctctc	atcatatccc	acgcnaactna	780
ccccctctnn	ctcttacctn	ntnctctcn	tctatctcn	nnaccctctt	tctntntctt	840
atnncncta	tctctactt	attctctct	tattntncca	ctcacccttc	ntntntctnc	900
nctntcttn	tntatntnt	actntcncta	tctctnctc	tctntgnt	cccacccct	960
cttctctctn	ctctctnnn	nnnactactc	tcacctctc	nnctntcnct	ctacnnntnn	1020
ananntctt	antttctnct	tcacacant	actcttctct	ctcatntca	nanctaant	1080
ntnctctcac	tctaccactc	tntnctccac	tcataatnana	cttctatant	netaatccta	1140
tcttcttaaa	cntctctct	tatnctctc	antctctctt	cntcgctanc	tcnntncaa	1200
ctcgnaaatc	tctccaatnc	tnccccactc	taaaaatnnc	ncntcngant	cccacttttc	1260
ngngcanaat	nnaacncnan	tcnctctct	ttagctatct	ctctanaaac	ccntttctc	1320
aacaggnacc	nccctntntc	tcnaaatct	catnctncta	ctttatatnt	cnccaagcct	1380
cncctntgta	anagcatctc	nctntccncc	aatnnanctc	tccctnctcc	natanatntn	1440
anat						1444

<210> 5045

<211> 1027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1027)

<223> n = A,T,C or G

<400> 5045

agngnttctt	tcccccttt	atttngaaaa	annggcgcgc	tnnttcnana	attggccact	60
ttttctgggt	ccnnggggaa	tncccccaata	cgcattntncg	gnaaatgtgn	cgggtcnacc	120
gatagtccca	aaacctctgg	ggccattgca	aaaaggggnc	cccangggnc	gntcttaciaa	180
ngnatnttn	ttttataccc	tnntngngng	gacannctgc	cagntctaata	cnaancgggt	240
gngattattn	gggggnngnc	acccttnngn	cncnnataat	atatnnnggc	tcncatgtg	300
anggcncn	ccatangnag	tntatnccn	tcactataat	tatctantc	anncgcaaca	360
antntatacn	ngtngtatac	nttgaatnaa	gaatnccact	nnatgctac	gantatnnnn	420
ntngtcnnnn	ngtngntntn	nnctnaante	nnnactact	tctnctgna	cnaantant	480
cgnacntnca	cnnctnncn	tanatntgnt	anttnanntc	nnnnctcnc	tngnnnntcn	540
tnacnngacn	tanntnnatn	gnnanntaan	anactnannn	taannannnc	nnnnntnttt	600
cntntttcta	cgnctncta	ncnncnncn	nnntcnntn	nctanactct	ntnnnnnnnn	660

```

nntantnnnt  cncnnaccnc  tgatntattn  cctcantatn  nntnnttent  nntnnnnntn      720
ncgctnnacc  atacnannac  nacatnnnan  nnetgatntc  ncnnntannc  ctncnnccat      780
tcnncatgnc  ntntnnntat  cctctcanan  naanattnt  nnntgannta  cgntgtatgt      840
ctnnctcncg  annataccnc  atcntnncta  ctagatacca  cnannnctnt  acnnntnncac     900
ntntcnatat  nnantatant  ctntctacnt  ancnanctct  ngntntatct  gangacacat     960
atntcnnngat  nacactgntc  caantnaact  cnagnnnnac  canggtcatc  gacnctatnc    1020
ncncccc                                1027

```

<210> 5046

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 5046

```

ncntntttcc  tctcnaatcg  nttgggtgtc  tttntgcagg  atcccatoga  ttcgggtcta      60
cagtatgtag  aagcagcaag  ttagtattaa  tgatgatggt  accttgtttg  atggtcgacc     120
aatagagtct  ctgtccctga  tagatgccgt  aatgcctgat  gtagtacaaa  caagacaaca     180
agcttataga  gataagcttg  cacagcaaca  ggcagcagct  gctgcagctg  ccgcagctgc     240
agccagccaa  caaggatctg  caaaaaatgg  agaaaacaca  gcaaatgggg  aggagaatgg     300
agcacatact  atagcaaata  atcatactga  tatgatggaa  gtggatgggg  atgttgaaat     360
ccctcctaata  aaagctgttg  tgttgcgggg  ccatgaatct  gaagttttta  tctgtgcctg     420
gaaccctgtt  agtgatctcc  tagcatcagg  gtctggagac  tcaacagcaa  gaatatggaa     480
tcttagtgag  aacagcacca  gtggctctac  acagttagta  cttagacatt  gtatacgaga     540
aggagggcaa  gatgttccaa  gcaacaagga  tgtcacatct  ctagattgga  atagtgaagg     600
tacacttcta  caactgggtc  ctatgatggg  tttgccagaa  tatggactaa  agatgggtacc     660
ttgctagcac  cttagggcag  cataaaggcc  ctatattgca  ttaaaatgga  atacgaaagg     720
aaattcatnc  taaatgctgg  attnacaa                                748

```

<210> 5047

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(825)

<223> n = A,T,C or G

<400> 5047

```

gnnnnnnnnn  ttttnaaagn  ccagctcttg  ttctttntgc  aggatccctc  gatttegaatt     60
cggcacgagc  agaaaagtta  ctgcagctta  aacaggaaaa  cccttcttgt  tcaggactgt     120
catagccaca  gtttgcaaaa  agtgcagcta  ttgattaatg  caatgtagtg  tcaattagat     180
gtacattcct  gngngtcttt  tatctggttg  tagctttgtc  tttttctttt  tcttttcatt     240
acatcagggt  atattgccct  ggaaaattgn  gggtagtggt  acccaggaaa  taaaaaaatt     300
aagggaattt  ttaacttttc  aatatttgng  tagttcaagt  tttctacatt  ttaagtncca     360
gaaactttta  caaaaatgcc  agtttcgaaa  ggtgtttcct  tgnggaagtt  naccaaagtta     420
aaggaagatc  attgggtaaa  ttactatttt  tggnatggaa  attttgcetna  aagttnactg     480
gtaaaggaaa  cacctgctga  ctttgcaagt  ttaangggga  atctattctt  cccattttcc     540
aaacccatgg  atatggaatg  gggccctga  ccatgtggga  agaggaattg  gataattttg     600
ggtggtttgc  natggggtgg  ttttagatna  attgggattg  gggatattta  aaattaacca     660
tttgnggaa  nttnaatagg  ctttnaaga  atancnttn  aaaatggnaa  aaaaaaatct     720

```

```
tcnaaaaatt tccaaaaaaa aaannnnnaa aaaacctcna nggncctttt aaaacttntt      780
nnggaagtcc nnatttacct nnnaatnccc gaccntggat naaga                          825
```

```
<210> 5048
<211> 707
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (707)
<223> n = A,T,C or G
```

```
<400> 5048
cnaatgctgg tngctngttc tttttgcagg atcccatcga ttcgggggcta gcctgcacgc      60
acgccaagat ggagctccag gctagcccac agaacagccc agccgcagcc gtccctaccag      120
accagcacct tgtaaccaca gtctaaccac gcgggcacca ggcggtgaga cctcctgccg      180
ctgccagccc aggatagccc ccttgccctc tgcccaaggc tcaggctacc ccttgaggcg      240
tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa      300
cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct      360
ggtctgctgg tgctaccagg cttgaacagt cttcaaatec actgctatta ggcaaattac      420
ctggctcccg ctgaactcca gcacctagaa ctatgtcaca ctgtagtag gccgctgcat      480
tggttgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca tttcctcaga      540
aggctgtaac aaagattaaa taggaaaatt cgtggaaaag tcaaaaaaaaa aaannnnnct      600
aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg      660
gagncgtatt acgtanatcc agacatgata ngatncattg atgagtt                          707
```

```
<210> 5049
<211> 762
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1) ... (762)
<223> n = A,T,C or G
```

```
<400> 5049
ngntttttaa tcagctctng tcttttgcag gatccctcga ttcgaattcg gcacgagaga      60
acacagggtg cgtgaaaact acccctaaaa gccaaaatgg gaaaggaaaa gactcatatc      120
aacattgtcg tcattggaca cgtagattcg ggcaagtcca ccactactgg ccatctgac      180
tataaatgcg gtggcatcga caaaagaacc attgaaaaat ttgagaagga ggctgctgag      240
atgggaaagg gctccttcaa gtatgcctgg gtcttgata aactgaaagc tgagcgtgaa      300
cgtggtatca ccattgatat ctccctgtgg aaatttgaga ccancaagta ctatgtgact      360
atcattgatg ccccaggaca cagagacttt atcaaaaaca tgattacagg gacatctcag      420
gctgactgtg ctgtcctgat tgttgctgct ggtgttggtg aatttgaagc tggatatctc      480
aagaatgggc agaccgana gcatgccctt ctggcttaca cactgggtgt gaaacaacta      540
attgtcgggtg ttaacaaaat ggattccact gagccacct acagccagaa gagatatgaa      600
ggaaattgtt aaaggaagtc agcacttaca ttaagaaaat tgggcttcaa ccccgacaca      660
gtancatttg ngccaatttc tgggtggaat ggtgacacat gctggagcca agtgctaaca      720
ttgccttggg tcaanggatg gaaagtcccc ntaaggatgg ca                          762
```

```
<210> 5050
<211> 761
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5050
 tgcttgctct tgttctttat gcaggatcct anctcccnnt ccnggnagga gganacagtt 60
 actgactntc cgcagacgt ggtgctcttt gaagggatcc tggggcagaa tgagggtggac 120
 tatnnccaga agcagggtggc catcctgagc cangatagct tctaccgtgt ccttacctnc 180
 nagcataagg cctaagccct gaanggccng nncaactntn accaccnga tnnctntgnc 240
 natgaactnn ttctnantnc actnanagna atnactgatn gnanagnngt gngatnccn 300
 gtgtatgact atgntctnca ttncagnan gtnccgatan ctntccctga tganacnnnt 360
 tgagganaca gatnccgaca cccgggtctn acgcaaanta ttaanggaca tcagcganag 420
 atgcagggat cgttgaacac tataacatcg tcaacttcatt anatnncntc aagcntgcct 480
 ttanangant tctcctntgn caacaacaga tncctggctt ntanaggatc ntnncatnga 540
 ggttcncaat agataactnng tnggacaaac ancctnatnt gtgcaattnn attccntnga 600
 ccatccnttt aatgggaaag ggnctntnna aacggggnaa acccaattng ttgncctaaa 660
 aggggnataa aaccntttt naaacnaggn ntgtangnnc ttcanaactt gnnannaatt 720
 atggcccca ttttaaccct ttaatggctt ttngtcccc g 761

<210> 5051
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 5051
 nngtctatag ctggctctcg ctnttggtct gatncatga ncccatnnan nnnantnngn 60
 cccgntgagg nctntnattt gcaccatggt cgagtnangg tcctttccta aacatgntnt 120
 aaaaatatan atnccgatggc ttatttataaa tgtccctatg catggngaaa tgntaaatac 180
 cangtggatg antggttctn nnntatattg tgaatggaga attatncaca atgcatctat 240
 atgtgtanac taataatgta naatatgctc nctntnctg ntctgtgnan aatgtgctct 300
 aaaatnccct gntngtgggt agcatgggct ggacagnnat tgattttcag aaaaatgctt 360
 ggcttttggg ttnttggtcaa tagggaagcc tgcngcaaata tatctcattt gncaanaaaa 420
 anttattttt ancctatttg aatgtatgct atcttcanta cgcttccatc ttatgatnna 480
 aggnntntcn natttctant ccaagacttc gngcntanac tgtcncagtn gggcatttga 540
 tgncttgtca ccagtggaaa cctgaacgga aaggggctnn aggaccnacc ttattcctta 600
 agggccctgg agaaaaaccc gttnanttgg gctccttaga actngctngc nggggaaacc 660
 tggaaaaccc ttgcccctng tttttaaaagg gggngnnccct tgggtttccc attngggngn 720
 ctttaanaaa attttggggg ccccnaccna aaatttggcc ccgggggattn cnnctanntn 780
 ggctngccct ttttaantcct taanttaaaa aggnccctta caattttggg canttggggg 840
 gnnaaaa 847

<210> 5052
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

```

<400> 5052
agagnnnnnn nttttnncta atggctgggg atagtctggn ctttttncag gtngccnanc      60
gantcgaatt nngcacgagg cttggatctt tgtcnaaacc gggttatgtat gtcaaggagg      120
agtttaaggc ctttcgcac caccctgtgt atccctngcc tgcncagcgc atgtatnacg      180
tggagtgtgc ccttaccaca ccttanntgc ccctgagccc tatttnctag atttcttngt      240
gggctggaaa ccccgtnct ccaccagcat ntccattatc ccaaactttc tagncctgct      300
gacccancca nnaacggggg ggaaactgga gggcngcggt ctggcngttg tcnaagaaac      360
ttatganttc tattatnagt acaangangn taaaatggnn ccaatattnt ttactaanct      420
catgntatat ngagangaaa ctccatgat ctgnttcang aagggtggta tngctnngcn      480
gttnacgggn tnnttanggn taccaaatnt aactctgctn tcatacctta atctgactan      540
tcnagnattn ttagatgttt gggngannnc atcctcttaa aatnggnacc agggcntggc      600
ttcngnngan gcngtgntna ccaagtgaac tatatgngnt ctcatcannt gctntangcc      660
nactggaaac acntttgncc cgcaagnnnn gctgttgagt cgatgtactg cnttcccatt      720
natggctaca nttgcttatn aggtngc                                         747

```

```

<210> 5053
<211> 1014
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (1014)
<223> n = A,T,C or G

```

```

<400> 5053
gnnnnnnctg nnnntttaat cagnetcttg ntctttngna ggancctctg attcnaattc      60
ggcacgaggn nntgntcctt ntgnncncc cnngntggng anactnannt ggcttgtctt      120
nnnncgnacg cnngaagnaa cgggcntctc acgcgcntnt gnattgtntg acangganca      180
tgnacctnct tacnnnngcc atntgntnnt ccaactgcnt gaanggctaa tcctnngcct      240
gctctcnnan nggntgnntg tggnaaangg ngtttggttt aaaanncata nnaatnncct      300
tccatnatte agnctgtntt ttnacngggg anttnatnnt caatncntnt agctgntnan      360
cnneggcann gctcaattaa tncntgnact cttnattttc cctnccnttg nanttgcnat      420
cacattaatg cggatcaana tnggntttta tgaggaantt ntctcgactt attaaggnac      480
ccccaacnt gngetagtga tttttcaann ncatgnttgc angaaaaaaa ccctttcaaa      540
aaccttaatg gnaantttct ttgaggctta aanaataaaa tncctggggg gtttacttgg      600
ggggnccaag cgggggggga ntnnaanntt tngccttctt tnttttggga accttttnan      660
ccnttgggaa atggaatggg accctcccc ctttttttag gggtaaatacc caaanggggc      720
cnttgnnngc ggncccnna aaangtgggg ganatcnaac cctggcttng ggggatttta      780
aaaaaatttt ttncaaaaaa attnggnntt ntttttttt cnnnnncnnn nnaatggggg      840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt tttttctcca gggggnaaaa      900
aaaaaaacct tttttttttt tccnnnnnn naaaaaatgg gggtnntaac caaaaaann      960
cccggtnngn nnccttttna aancnccaaa aancntttt tcccccgna nggg              1014

```

```

<210> 5054
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (762)
<223> n = A,T,C or G

```

```

<400> 5054
agagnnnnnn nnttnttnn ctacttaatt gcttggctac ttgttctttt tgcaggatcc      60

```

catcgattcg	aattcggcac	gaggcattnc	ctgctnngaa	cctngtntac	taatttccac	120
tgcttttaag	gccctgcact	gaaaangcaa	gctcaggcgc	nggtggctgt	tgtgacccaa	180
cctgcagtcg	gtccnggncc	ggccccccag	aactncaact	ggcaaacagg	catgtgtgac	240
tgnttnanng	actgcggagt	ctgtctctnt	ggnacatttt	gtttcccgtg	ccttggnatgn	300
caagtngcnn	ctnatatgan	tgaatgctgn	ctgngnngaa	caagcgnngn	antgaggact	360
ctntacagga	ccgatatgg	catccctgga	tctatttgng	atgactatat	ggcaactctn	420
tgctgtntct	attgtactct	ttgccaaatc	aaganagata	tcatcagang	gagagccatg	480
cgtactttct	aaaaactgat	ggtgaaaagc	tcttaccgaa	gcaacaaaat	tcagntgaca	540
cctcttnant	tgagntcttc	acnatctttt	gcnactgaaa	tatgatggat	ntgcttaagt	600
acaactgatg	gcatgaaaaa	antcaaannt	tttgatctat	natnagatgg	aatgggttgn	660
ccttgacttt	agcttaaatg	ggngcaactt	taggtttctt	cttgctntca	tattatccga	720
aatttcctgg	cttatnaact	tttttnaaat	taccatttgc	aa		762

<210> 5055

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1024)

<223> n = A,T,C or G

<400> 5055

ntnnnnangn	ancnctttga	aacgcctctc	tngtangcgg	atcccatcga	ttcggntntgc	60
ananggcacn	aggctgctgg	gcctggaagn	cctttttgggg	ccactcgcta	attctcatgt	120
gtngctccgg	cccctccagc	tgccaggtggg	tgtggagttt	gaggccagca	caaggatgcn	180
ggacaccanc	gtctccttcg	ggtaccagct	ggacctgccc	aanccaacct	gcttttcaaa	240
ggtaaaggtc	tnggtttccc	tacgcgggaa	acaggcagga	agtgactcaa	cttntgantg	300
ggatgtntgg	gccaccacag	gtgctggagg	acagngagcn	tgncaccctt	ntngggcctc	360
cacattaccc	ggggaacact	tgttaaaang	taatgtgggg	ccgggtgccg	gtnnngctcac	420
gccctgtaat	cccagcactt	tttggggaagg	ccaangcggg	cccnaaggta	atggggagaat	480
tgnagaccca	tnnctgggtt	taaacaccng	gtggaaaact	tccgttnttt	taactnaaaa	540
aattncnatn	nnaccnanaa	atttaaacc	cnggatagtt	gggttttccn	gggttgccct	600
aaattgggtg	nccaaaacct	tacntgnng	ggnttttnaa	gggnncgggn	aaaaaaaaatn	660
gggtnnattg	aaaancnc	angtaaaagg	ctngggaaac	cttttggtc	ggagtaaaaa	720
cccnaanaa	aancccggtg	cncananc	nggaaaattt	tcnnnaanc	ccctgggggg	780
cccgaaccnn	tntnnnncca	aanngaactt	ntccaatttt	tttaaaaaaa	ngnnnanann	840
annacnata	aaaangctct	tggggtnggg	gacaaaaaac	cccctntttt	nacctantgg	900
ggnnntaatt	ggcctttggg	gngaaaanaa	aannanaana	ntnttnnnta	taaaaaaant	960
cgggccctaa	acncctttga	gggntgagat	ttnaaaaccc	ccttngttta	attatcccc	1020
gcct						1024

<210> 5056

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (822)

<223> n = A,T,C or G

<400> 5056

tnnnntnaaa	cnnnnnnnn	tnnnntcctg	aannanancn	taannncana	nanacnannn	60
natnaaangn	cttcnaanc	ggaaancctc	nncgctcnag	nagnaagacg	gggaaccagn	120

gnctnacgag	cnagacaggt	neccaattag	acntcatctg	gncnnetgtc	agncatcaat	180
gaggggcnca	atgactatag	cttggancac	agaccacaca	cnnncgcgan	gntgcncggc	240
tngaagnatt	atncacanct	gcgncccca	nggggcnagg	tgatggagna	taccaccatc	300
cttnggntgc	ncgaggngga	atttgccagn	nangggaaat	ntcagngtgt	catctccaat	360
cacttttggt	catcctactc	tgtcaaagcc	aagcttacng	taaatagnng	gggattaaan	420
ganncctttg	gcatttttaag	attccnaggg	gccanaaaaa	ngnanaaaacn	nntcnctcgg	480
naatgttanc	ccnagnaggnt	ntnatgngag	ntanccacct	gnetcnttct	ttaccnacct	540
nannnnncac	agaatnaaga	tacttggtta	tctgtatnta	aacctgcnat	tatgggtgaa	600
nacgacaccg	nactcaattg	tggtatgagta	acacaacana	tgaaccanac	ntgtanntgc	660
tcanttttng	accntttntc	nnttatnann	nagctgaggn	cggcaatctt	nnnantgggt	720
ncccaaaaag	gnttggaatg	annatcccng	gggttnncaa	ntngannntt	gnaatatngn	780
agcnnaaatn	gnannttcaa	ncnnntnggg	agnaaaaaan	cg		822

<210> 5057

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1103)

<223> n = A,T,C or G

<400> 5057

cggggaaaaa	ctcctncaaa	aaaancagan	nnacctnann	nnaggaggan	cccttaaaaa	60
aatatggagg	cccnttgngg	gggaccccc	ccaaaaacca	nccaagaaan	aantaagggg	120
ggnccttgg	ggggggggat	gaaaataang	gggggnccn	tnnnggnggn	annnanncnn	180
nnnnnnnnnn	nannannana	nnnnnnncnc	nnnnnnnana	aannnnnnnn	nnnnnnnnnc	240
nnnnnnnnnn	nnnnnnncnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1103

<210> 5058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 5058

agagnnnnnn	nnttntnct	actaatggct	tggtacttg	ttctttntgc	aggaccatc	60
------------	-----------	------------	-----------	------------	-----------	----

gattcgaatt	eggacagagg	gnaaattgng	catnnnnntg	tttgcngatg	gennenttan	120
ctattnnatt	aangcnentt	atactctgct	gcttaactng	cttgtaattg	caentnngtt	180
acctgcacat	tttcatatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa	240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt	300
gncatcagcn	gtaantncat	ttntttacaa	atanangcct	gttccatttg	aaanataatac	360
aagtgtgtgg	ncaaaaggaa	gtatacccag	nancaagccc	atgangagtt	tcagcaagtg	420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtcang	tncagtggtca	cagctacacg	480
ggatactgnt	ggtgcgtcac	gcccacggg	aggcccatca	gcggcncctgc	cntgncccac	540
aagacgcccc	ggtgcccggg	ttccntnaat	naaaagttnnc	cccaacgcga	aggnacatga	600
aaaacagatg	atgccgtanc	ttcanngtnn	ganactcanc	cttaaggnga	ttaagaaaat	660
tttgcataaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaag	ttcccaataa	720
cnaaaaccca	ataaganttc	aatggcctcc	tntggancca	a		761

<210> 5059

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 5059

gngnngnnnn	nnnnngnnnn	nnnnnnnnngn	nagnnnnnnnn	gaggnnttttn	ngatacacgct	60
cttgttcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag	120
cnnctctagg	aagtgnnga	ctgatacaag	ctgtgatggt	gcctgangga	gangatctca	180
atgaatggat	tgctgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa	240
ctattcagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga	300
atatcactgn	canatggtac	taatattaaa	aagccaatca	aatgttctgc	accaanatac	360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactctt	tttcccttcta	420
agattgggtgn	ccatttgcen	aaactttatg	tctgtgngca	nanactattc	taaagcgtct	480
gntcagggtt	gatgcccatt	tttatcacca	gcactttgan	tctgtgatgc	anctgcaata	540
ggaggcccac	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaactct	600
gggtgatagg	cgtgaactgg	caccttgttc	agaattaat	anagaanctt	ggatcacaan	660
acngattaat	gtttntnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc	720
tnattgctat	ctggtattng	actacg				746

<210> 5060

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 5060

agagnnttnn	ncnnetgaag	ccctntaaan	nggctgggta	ggctcgtncn	tctccangca	60
gccannngcg	nntcgaattc	ggcacgcagg	tagcgacntt	tnnagtangt	gggtgggcanc	120
tcaccgtggg	nacagtttagc	ctntctatnc	ctngcntnct	ncaactccnc	gnantngcta	180
aanggctggc	nanaaagcat	gnaaaggact	ccgnaaaggc	cannacataa	cgcngtatnc	240
nccgatcgcc	anancagctc	ggntggcagt	gnccactnng	antcgtntta	tgatcgacac	300
ctagagatga	tactggcgca	cncagcnttn	gtncacgcen	ggctcaactt	ggcnacnant	360
gncacngngg	caggngnncc	tggagtaent	nnccgnaagc	ngtgctnnga	ctnggcntgg	420

actgnntcan	aagactnnta	ngtaaaccgt	atctccacnc	gnatcntgca	actatgctnc	480
ccttgganat	gagnnancag	antgtcatan	aaangntaca	antgcngata	gtggnncant	540
cacananatg	cacagngccc	ntnttgncaa	natnggacat	cccaggaant	gccagangat	600
canggangcn	ttgaaatntt	angactnnta	antgtcncnc	gcttgtgnaca	gagctgnttg	660
aaaggcagtc	ggantgcac	cctggngaaa	gcccacaagt	nntgacgttt	tggggattng	720
natttgaanc	aaaagcngaa	gaactttaat	taggattctn	cnanccatcc	cnaattgctg	780
ggaattcgaa	atctttaacc	acatggcc				808

<210> 5061

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = A,T,C or G

<400> 5061

taannatcag	ctcttggtcn	ttgaagcctg	ctatnnncag	ctacttggtc	tttttgcagg	60
acccatcgat	tcgaattcgg	cacgagtggg	aaangtttta	ttntnncact	gnngttgncg	120
gttaataana	tggtgncaaa	cgtgcncctg	tnacacactc	gantatntnt	ttangaaatg	180
ntnatgtggg	natgattacc	nttagatcaa	tactttaaat	aattttaccc	nttttacaag	240
ggtaaccang	ggcatactga	aacttttagaa	cncttncngc	aatnncnatg	ggggangttg	300
ggtgangctt	nggatccctc	ttttngttt	tgcacgntgn	aanngangtt	nccagntggc	360
atnttgaata	tgctgctttc	caaaaaccca	ngaagtnta	aaattgcttc	ctggnccttag	420
aggactaana	acaagaccct	cattcccact	ttcatttnca	ctctagcaaa	aactgggctt	480
gcgtanttct	ccanctactc	gnntatatcc	tcnttccatg	tncaaaccct	ncattccctaa	540
gngggattgg	cttactttng	cccateccata	tggcagnatn	tnaatagct	ttgnaccggg	600
attagatctt	ggccttaggc	ccangttcaa	aacaagtgcc	natctatgac	cagggngccaa	660
anaaaaaana	tccaggattt	cgaangagan	acnntncatt	gggantnaag	actcntacna	720
agtccttagc	cnttttcata	aaagcctggg	cctctaattg	ctggnnaccat	tttaangggg	780
canttatnaa	an					792

<210> 5062

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(780)

<223> n = A,T,C or G

<400> 5062

tttnaaancc	ntggttnaat	ncctnnttga	anccttttta	tgatacagct	cttggttcttt	60
ttgcaggatc	ccannnnncag	gcttgacceca	ccgcgccccag	cctgtaattt	cttataacttn	120
gtatnttgta	cttgattatt	gcttctgata	cgtataatn	atztatgtac	atgttttttt	180
nctncaatan	actgggaact	cttcgaatgt	aggactnnta	atgctagata	ctcaattatt	240
ttntattaaa	ttgaatgact	ngaaactaca	gaccttnnat	ntaaacttcc	caaatttatg	300
ctgtatttaa	ncngctcttn	aaatctgggc	nntaangnga	attntnaagg	cttgggacat	360
gcacatgatg	gntgtattgc	caactgngaa	aagggtgatg	nttactggag	caggggcaag	420
gacacctggc	cccgcccgga	gcaaaaactg	ntcaaccaca	aacgatagca	ggaaaaggcc	480
tgtgncttnn	gcaacantgt	nttgctgcag	ataatnncnc	agagcctgnt	tctctgntct	540
tnctgagatt	gcttttggtc	cataaangat	tgtttttagct	aatctacaat	ctatagaagc	600
aatgntanaa	cttggttttt	tggantaaan	ngnnggggna	aagnttngna	atgtgggntg	660

tcaannttttn	gaaaaaannc	tnnatacnan	caaaaanttna	nccatttttna	atnttttagng	720
gnggantant	ttnatnnann	nttnntagan	actntgntga	gtttgnaaaa	acccaaantn	780

<210> 5063

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5063

cgnnnctttt	tgaaccatt	tctcgttctg	caggatcna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aagggtctgtc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaatgagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatact	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcactta	ncattggctt	gcttcagttg	ggcctcttcc	canccagtat	gccaggtga	540
actttcgagg	ttgtcattaa	gtaagtgtg	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	ttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accnctggg	atccaaatga	caattgtgct	gaaaaaccna	tc		762

<210> 5064

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 5064

gnnntttnnn	atctgctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
anggtgactg	cagttgacga	aagcatgcca	tgggggtatgg	ggacattgnt	gggccacatt	120
ttggngacng	accccnctg	ttgactttgg	gacccnatcc	tttgannttt	ggcntgccct	180
cntagnctt	ggaattccct	gttttccagc	ccancccccna	tggtatgtat	attcnttaca	240
agtnctcna	aagancannt	gtctaggatg	cggggagggg	aggttccttc	cntangggag	300
cgtgganaga	aggagcagc	cttgggggtg	nattntnggt	natgcntcan	attgggcatg	360
catgggatgg	nanangggct	cagccactnt	cctncagaat	cttcctnaga	ccctncaact	420
gcantatgta	atnctactct	gtncctcata	naagggangg	agccacatat	gacattccag	480
ttctaagccc	ancatggang	aacangncta	tgcccccata	ngtgangtan	aagtagaggg	540
cttcacctgn	cagtatncct	gccgctactt	cctcacataa	ggaangacga	agaagnaacc	600
nggacctcgc	tttnccatgg	tgcantcagg	aacanggttt	tacgcagctg	gccaactntg	660
aggetntgct	gncttttntc	gtggncagtc	caggaaatgc	ttacaccacc	ttttttccca	720
ctnttncctc	ttggattntg	gggnccnc	aaaccggaat	tnn		763

<210> 5065

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

cgnnnctttt	tgaacccatt	tctcgttctg	caggatenna	tcnattcgaa	ttcggcacga	60
gggaacttac	ccatggggac	taatntggaa	aaggctctgc	catagtggnt	ccctgaagac	120
tggaattact	tcagcaaaac	ttncctcatga	acagctaata	tgtanngaaa	gantgancta	180
gcaaataagt	tttaccgggg	acaaaaaatc	aagcanaana	gtgaatgctt	agaaccttct	240
caaagcantc	acaagtacag	acacttcact	tagcctaggg	ggccttccag	ggttcttctg	300
gctgntgtca	gagcaggagc	tgggggaggg	aagacttggt	ctctctttct	tgaggggtgg	360
cattaggaac	ttacgaaacc	anagaccttt	ccctatgact	tggcagnatg	tgaatatcct	420
ctacacttag	ttattgataa	acttcttaaa	gagatctgct	attttcaggt	agtgccataa	480
tctgcaacta	ncattgggctt	gcttcagttg	ggcctcttcc	canccagtat	gccaggtga	540
actttcgagg	ttgtcattaa	gtaagtgtgt	aaatttctgn	aataacaaag	gcagtcnngn	600
attctttcct	tttccnccaa	attcctaagg	caaaactttt	ttatggngct	ggtnacatgg	660
ggagtnacac	aaccnctga	ctttttctca	ttgccattgt	aatgactgat	gganaacccc	720
accncttggg	atccaaatga	caattgtgtg	gaaaaaccna	tc		762

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

agagnnnnnn	tnttgtctac	taatagntgg	gttggntnnt	tnttctncac	gcannccagc	60
gnntcgaatt	cggcacgagg	tccatctttg	tagctgacat	gacacatttt	aaaaatttca	120
cattaaaatg	aaggcatcta	atggctccat	tatgtctttt	agagtgggtc	ggcccagcta	180
attgcatatt	gaaatacatt	agatttgtca	taaattactt	tcctttattg	tcttttctgt	240
caatcttagg	acattaaatg	tatatgtttg	aaattgtgtt	taggtagggt	atctgagcat	300
ttggttcana	tagtaaagag	agtgttataa	gttcaactga	agccccaggg	gctttgggac	360
tgatagggtt	tagaacattg	cactagggga	aatgaattgt	aaagtaatgt	tntttctcta	420
gactaatgat	tcagctgaat	taatactttt	aatgtgaagc	atttttaaag	aaagcaaacc	480
agcctgggtc	ggtggctcac	acctgtaatc	ccagcacttt	gggaggcaga	ngcgggccgg	540
atcacgaggt	caagagattg	agaccatcct	ggccaacatg	gtgaaaccct	gtctctacta	600
aaaatacaaa	aattagctgg	gcataatggg	cntgcctgta	gtcccactac	ttggggangca	660
nangcaggag	aattgcttgn	acccgggana	tgggaagtgc	atgacccaaa	tcggggccctg	720
nacttttacc	tgccacanant	gagant				746

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

```

<400> 5067
gnnagnnnnn nngngnnntt tnagatacag gctacttggt ctttttgcag gatcccatcg      60
attcgcaagc attcaagaaa taatggtgag aatagcctgc taatagcatt attccatattg      120
caggttgatg ccgccttacc tttggacatc ctaacctatg aagagaagac ctgtgcagcc      180
atcttgagaa tatgtagcag tggctctgtc aaattgtgga gctctttgac cctgttagga      240
tcctataaag gcaaaaaatg tgctttccgg gtgattcaag tttctccatt tcttcttgca      300
ttatctggta atagtaggga actagtattg gattgaatga ataagtcttc cattttggaa      360
acgttcatcc actctcatat ttattttttg gtgcctgcat gtttgaagac tgaagcaggc      420
taaaagctct tgatgaaatt tgagggtgct gaagatgttc ccactaattt ccagccatca      480
cctttggtgg ggtgggcttc ggaggacaag tctgtctgaa cctgccagtg ctgacctgc      540
agcactttca gcatatgcac atcaaaaagt ggagaccgag cctgaactta nganggcctt      600
cacacagact gatgtggcta cccttctcag aattaacagg ggatgtcaat cctttgcatt      660
tgaatgaana ctttgcaaaa cacaccaagt ttgggaaatn caattgggna tgggaagttt      720
tgacaacgga ct                                          732

```

```

<210> 5068
<211> 820
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(820)
<223> n = A,T,C or G

```

```

<400> 5068
gggntttata tatcagctct tgttcttttg caggatcctt cnatcggtan ncngnncgan      60
ctganttcgt acnnagngct gctnntacct gggctnactg gannnctcca nctacncagg      120
cagnaggatg gnagctnaac tnccangang agcttgacaga gnncttgnaa tccgtgccac      180
tgactccag cctggcctna cancanccgn gactcnnngc tnntaancct aaaagnctcn      240
ttatcagcat gntcccat ganagngtcc tacatnctgn gacattcacc tatattccng      300
ggncctntta attnncacn actgctctta gangtcttag ncttttatgt taattctnat      360
aaatncnatt gaatanatat tatncccaaa tcttagtggt ngcatnttag ctattnaanc      420
ctntccaang tangttaaag gccaccgttt tcngatnaat nctnctttt atantcnatc      480
tggaataneg catttctntg agaataaaaag anagtttntt tnaanaatag gatcttttng      540
ncccttcggn negncccttn tgncccntag ctgctttggn gcaantntga agttgagnga      600
tcnncnttgt agccctagga atttccanan ttgcnetgnt gtnantggaa cttctnancc      660
ttgtgccnan agnantnatn ncccctntnn tttttaaaaa nnaattngtt tcaaanttcg      720
nccttntttn aataggtctn anatgnttat anaccnnggn cnaagttntn caatcttnan      780
tccctttnag nntccnaatn aatntaaant ccttnaatng      820

```

```

<210> 5069
<211> 833
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

```

```

<400> 5069
nnnnnnnatn atnnnnntnt nnnntntntn nnannnnntnt ttnnnnntnt ttggtgaggt      60
naatcttctn ttanccctcca nntntcgntc tnnttgcant nccngtcgat tcngataact      120
agtcaataag gaacaggatc aacggccact ccacccatgg caaatccaca tgcagggnnt      180
ctncaccaag gttccagcct ncaaagtga anacgcctng gaacagcnag ggaggtnaac      240

```

aataattnaa	nananagaan	ggaataacgg	cnnaagaaaa	ngaaaaanaga	ancgaaanaa	300
ctaangntng	aaaaccaccc	ggaaaactca	aggaatcaca	atcctaanaa	gccccaaaag	360
ggacaggang	ctnancttga	ngctgggtggg	gaggaantcc	ctgaggccaa	tggctctnca	420
tggaananga	gcnagaataa	gaancanngc	aaggacancn	ccncttagga	atangcacgc	480
gttggcgcng	ggaaaacgaa	ncngangcac	tctgaanttt	aaacatatc	tnagaaacaa	540
caanatnaag	cttccagaac	attctgaagg	gcnganaacc	agaataccat	naagctcctg	600
caaaaagtta	attnnnctgg	aagggaacta	ttaaancatt	ctnaaacaag	ccccaaacaa	660
tnaaataacc	ctcaaaaagc	taangaaaaa	agtttttnt	tantactaca	caggtgacca	720
gatttagcct	tnaccagatt	tccaaanaag	gaaactncct	tgggtcattc	ttttaacaat	780
gaaaaattta	tctacntaaa	ncctttcctt	tttaantttt	tttaaaaagg	gng	833

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 5070

agagnnnnnn	nnntttgtct	tntggetctt	aanaggcttg	gctacttggt	ctttttgcag	60
gatcccatcg	cttcgaattc	ggcacgagga	gccctcttat	tgtatatact	gaacgcattt	120
ttaaattgaa	gagatactat	tctgtgtatc	tttgaggcg	aatgagtcct	aggttggcca	180
gtgtctcact	agttgagatt	aaatttttgc	ttatacttgt	tgatttgact	gccttctgaa	240
tagtattagg	aacacattgt	aaattttgtg	ttgatggctg	gctgaagttt	tccagcacat	300
ttcttgaggt	tgccaagttc	ttctacaatg	actgaatcta	ctcttcattc	attctagtca	360
gcagtctcac	acttaattcc	aaggtttact	taagattttt	ttctgaaaaa	gcaatgcttg	420
ctttccatat	ttgcatattt	tttctctgcc	ttaatagcag	aaacaatggc	ttcatcttgc	480
atttgtatca	gattctttcc	attgatatat	cttgctctta	ttagctagtt	gtttcccact	540
gggtgcagtg	gcttatgcct	gtaatcccg	cactttggga	ggtcaaagcg	ggaggattgc	600
ttgagcctag	gaattcaaga	ccagtctggg	caaaatagtg	agaccccatc	tgtcaaaatg	660
aaaaaaaaaa	aaaaaaactc	gacctntaaa	ctatagtgag	tcgattacgt	agatccagac	720
atgataagat	ncatggtgag	t				741

<210> 5071

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 5071

ntttttnaaa	acnacangct	ncttgtgcan	gatcccatcg	attcgaattc	ggcacgaggg	60
tggctcggn	tgtnctgng	gtttcctgag	ttgctgctgc	tgcggcgggc	gcagcgggct	120
ctgtgcttgn	ggaggtgtcg	gcctntgggc	ggatgttgac	attgtgttgn	tgttatngct	180
gatggtaatg	gcnnccggcg	nggcngctga	cggtccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncncgg	cctcgnatcc	ggcagcagng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncgggtnc	cnngagccaa	cccngggagt	cangnccnt	360
nngcatggga	gctcgnaagc	tnangatggn	ngatttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cggccctgga	ggagcagctg	ctcaattact	caacggaccc	ggtggctgct	480
ctcggatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaatc	tgaattgcct	540

anttcattaa	ctggaaaant	cactcctgaa	gaatttaaag	ccngcattaa	cattantnac	600
aagttggatt	aanaaaaaacc	ttctgtaaat	gtccgttnt	ncttagngga	ngccttnnat	660
tgctgctgcc	attangtnen	ntttgtggcc	agtnnttggc	tnaattaaag	aacnctaaaa	720
ngttgagnat	ttantagaat	gggaaaancc	atccgttnnt			760

<210> 5072

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (742)

<223> n = A,T,C or G

<400> 5072

gnnttactna	tatcagctct	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggaccgcca	attctaagat	tgtagtggtg	actgcaggag	tccgtcagca	agaaggggag	120
agtcggctca	atctggtgca	gagaaatggt	aatgtcttca	aattcattat	tcctcanatc	180
gtcaagtaca	gtcctgattg	catcataatt	gtggttttcca	acccagtggg	cattctttacg	240
tatgttacct	ggaaactaag	tggtattacc	aaacaccgcg	tgattggaag	tggtatgtaat	300
ctggattctg	ctagatttct	ctaccttatg	gctgaaaaac	ttggcattca	tcccagcagc	360
tgccatggat	ggatttttggg	ggaacatggc	nactcaagtg	tggtctgtgtg	gagtgggtgn	420
aatgtggcag	gtgtttntct	ccangaattg	aatccagaaa	tggaactga	caatgatagn	480
gaaaattgna	aggaagtgc	taagatggtg	gttgaaagtg	cctatgaagt	catcaagcta	540
aaaggatata	ccaactgggc	tattggatta	agtgtggctg	atcttattga	atccatgttg	600
aaaaatctat	ncaaggattc	atnctgttca	acnatggtaa	aaggggatgt	ctggcattga	660
caatgaannt	ttctgagcct	tncatgtatn	ctcatgccc	ggnatatacc	tcgtnttnac	720
ccnaacctan	ggatgatagg	tt				742

<210> 5073

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 5073

gnnnngnnnn	nnngnggnnt	tttatatcta	ctggctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggcccagag	ggaacctcct	ccgctggggg	acgggaagcc	120
caccgacttt	gaggatctgg	aggacggaga	ggacctgttc	accagcactg	tctccaccct	180
agagtcaagt	ccatcatctc	cagaaccagc	tagtcttctc	gcagaagata	ttagtgcata	240
ctccaatggc	ccaaaaccca	cagaagtgtg	attagatgat	gacagagaag	atctttttgc	300
agaagccaca	gaagaagttt	ctttggacag	ccctgaaagg	gaacctatcc	tatcctcgga	360
accttctcct	gcagtcacac	ctgtcactcc	tactacactc	attgtctcta	gaattgaatc	420
aaagagtatg	tctgtctccg	tgatctttga	tagatccagg	gaagagattg	aagaagaagc	480
aatggagac	atttttgaca	tagaaattgg	tgtatcagat	ccagaaaaag	ttgggtgatg	540
catgaatgcc	tatatggcat	atagagtaac	aacaaagaca	tctcttttca	tggtcagtaa	600
gagtgaattt	tcagtgaata	gaagattcac	gactttcttg	gtttgccagc	aaaattagca	660
gccaatattt	acatgttggg	tatattggng	ccaccacttc	cagaaaagag	tttagtaggg	720
atgaccagg	gc					732

<210> 5074

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 5074

gnnttttctaa	ngcnngctnt	cttctgengc	tcnncnncatc	cgtgnntaca	cancacgncg	60
angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgtctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttacn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatnchnan	ncanagtnct	aaaggatgnc	natnatagca	gcncctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caagggtggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtattttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatggtca	600
tggccagtat	aataggggga	cccaaataana	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tgggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aatgtttacc	agnngncaat	tttgttggcc	ccatggtggg	gaatccaang	gc	772

<210> 5075
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 5075

agagnnnnnn	tnnntcttat	cgcctaatagc	ttggctactt	gttctttttg	caggatccca	60
tcgattcgct	gtgaagacct	ggaaacagac	aaaaaagagc	ttgccaagct	ccagactgtc	120
cagctggatg	aagatatgca	agacttatga	actttatttc	ctcctcacct	ctttttggca	180
tcagcggcaa	atcttttcat	gaagccccaa	ggacacaaaa	catttttcca	tttaaaggaa	240
aacactctag	ttttgcaagt	atatgcatac	aagagacttt	agattgatct	gcatgaagat	300
cacagttaag	tatacaggag	tagaactgca	ttattgcagc	ctttttgttc	acttataaat	360
ttctctttta	aatagatgga	gacaaaggac	aaggtgaaat	gtatcaagtc	aaagtgaatc	420
atttagttga	ctctataatt	ctaaggtcaa	aatggaactt	gatagttttt	taaattaaaa	480
aatgtataca	cctaacatag	aaaattaaag	atagctgcag	accattagaa	ataatacaat	540
tgtttttggt	tacttttact	ccatgggcat	tgaaaagggt	aagaaacata	aatgggtccat	600
atttttaaag	ttaagtagca	tgcatatata	tatgcacaca	cacctctttt	tcagcatttt	660
ttgagaaagt	cttgggggtc	caaacacatt	tgtctcaaca	cattttccaaa	tgtggattct	720
aatagctcan	tgtggctgaa	aaagtgcena				750

<210> 5076
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5076

```

agngnnnnnn nttntctnnn ctactanctg nttggntggt gtttctgcan gcaggcnntc      60
gattctaatt ctgccgnacn cgngagtaaa gctggaaaat nacctataaa taatggcana      120
aaaaaagcta acaatangga agaggaacta tataaaagga acatttggag catagaagag      180
agttcatgga aatgtnaaaa atgatgggtac cctgggtttg atatagtaag taaaaaacta      240
agggtaagag ggtcatgaaa gcatctagaa gtaggaggga aagccagtca aattcacagg      300
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgagggaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaa      480
cattaaatca agaaagaatc aacagtggac ccagttaata gcngatcagc cnaggataag      540
atgccctaga agatggtgaa gggaaagtct cagaactact ggtcttcagc aggcagcgaa      600
gacacctgat ccatattgga ntgggtggga tgcgaaactt aggaagggat gcccccaagg      660
aaaaattggn aagggntgat gactgncttc aanagggtcc aggtctttta aaaattttcc      720
ctnccaacn tcacntttgg ctttngaaan ccncgcctga t                          761

```

<210> 5077

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 5077

```

agngnnnnnt tttntctctc gcctaattgt tggctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag gacnancctt ngcgctgcc tntccangat gtctacanaa      120
ttggtggtat tggctactgt cctggtggcc gagtggagac tgggtgttct aaaccnnta      180
tggtggtacc tttgctccan tcaacgttcc aacggangta aaatctgtac naaatgcacc      240
atgaactttg agtgaagctc ttcttgngga ctatgtggnc tncaatgtca agaattgtgc      300
tgnaangat gtcccgncca aggcaacgtt gctggtgacc gcataaatgn cccaccaatg      360
gaancatctg gcttactctg tcangagatt atnctgaacc atncatgcca aataagntnc      420
cgntnatnnc cctgtnttgg attgccacac ngtttacant gcatgcaagt ttgntganct      480
gnaggaaatg attgacnnn ntctgnntan aagntagecn atggccctan attcttggac      540
tctggtnatg ctgncatngc tgatatggtt cctgncacga ccattgactgt cgaanagctt      600
ctcaagacna tncaaccttt ggntcncctt cgtgctacga ggatattgng caccggacag      660
ttgccgnagg cnttttggatc aaggggccnt ggacaaaaaa gctggtcgaa cctggcnaag      720
gtnaaccaan ncttccccct aaaacttcan naaggnaaan tgcan                          765

```

<210> 5078

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5078

```

annnnnnnnnn nnnngncnnc nnnnnnnnnc nnnnnnnnnc nnnnnnnnnc nccnngnnnn      60
cnanncnann ggggnnnccc gntnaaaacc ggtngcccn ggcncgggc gggngggcnc      120

```

nnanccgaat	nengcacgna	cggggccgnc	ggngggaccc	tgggntgggg	gcnagaanca	180
nccgacgcng	gccagaana	ggggnctggn	gncccaagan	agaanncatg	antagnacac	240
tgganacnaa	anccgtgtgg	ggacacatga	anccccnanc	ccatgngtcg	nancctgccc	300
anaagtgant	gtgnagntna	ctggaagttg	gggntccaac	cgncaaaccg	tgggatccca	360
aaacnncang	ncaagccagg	accttngcac	agcccgnaaa	ggnanatncc	cntnaannng	420
tctngagacc	cgggntgnct	gggggaaaca	gcaggcccgc	acantgnnng	gngtngggac	480
ttancggaaa	catgggtaac	gtngcancag	cgccacggga	gtccaacccc	tgaaaatacc	540
caganctcgc	gtgnanancc	aaccgngnnc	ccaaaacaaa	gcnaggggnt	atgggnttaa	600
aancccccna	nttnaanagc	ccnccgnggg	gnaannangn	agnntttttg	ggancccaaa	660
ancccnngga	gggggcccag	ganncgaaaa	aangnatncc	cnttnaaaag	gncnccanga	720
actnanaaag	gganaaccan	nntnecgnngc	ccaatntnac	ccccaannc	aatncccnnt	780
tccgtgcngn	cccaatnatc	cncnagtncc	cattntggcc	ncnagnggng	ggggnnccnnc	840
aaangncttc	ttgnaaacan	atnggggaaa	ccntttnacc	aaaaaanngc	gnannngggg	900
cccaatancc	accgggnccc	cccanannc	annggccann	ancntgggcc	tccaaaaaaa	960
agaaanngg						969

<210> 5079

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (748)

<223> n = A,T,C or G

<400> 5079

agagnnnnnn	tttttgtctc	taatggctgg	ctacttgctc	tttntgcagg	atcccatgcg	60
attcgaatgc	ngcncgaggc	nttagttgct	nnttgaaaag	ggaactgcac	ntgacnncat	120
catggaanga	tagctncact	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tnengngggc	nctgnctnct	tnctcatcac	tggnccttagc	tttgagtagc	240
ncaactccaa	gtggcccgag	tctagactct	atcaaantnc	acactgatag	caacaatgan	300
tgcatctgat	gtgtgctgct	ggcnatctta	agcccaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tcactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganmtnta	480
catgaaagga	tataccggtt	nanaaaccac	atnccatntc	taaagtctga	ntgagaaggc	540
ntggactact	aaacctggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	ccngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
tagaactata	tgagtcggnt	tacgtann				748

<210> 5080

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (949)

<223> n = A,T,C or G

<400> 5080

gnctactttt	nttatentan	cactctgctt	tnctgcatca	tcgantccta	tnatgtgggt	60
tnacctnatg	cgggnntaan	ccagnaacan	cntggcccat	gtnnccntga	actcacattn	120
tgttcatgna	ttccagaatt	nttnantgga	nagattaata	gncagaaacc	ccactaggna	180
canatcacna	nacngacgct	tntagcttgn	agacctntta	ggcanaaagt	annaannana	240

ntnggatctt	gcngneccta	atctcttccn	ggaananggg	cctatagntg	gcnacttgga	300
aaacacggcn	ctgntccann	gtttnttgcc	ccnnaccgga	gacaccacna	gtgtcacctc	360
caaggggggn	cttcaaant	tggggtgcgc	ccggtacctn	ttgaaaatga	aggtcncccc	420
caaatggggg	gngagtttnc	catncctcgc	cccttgnggg	ttnatattggg	ngaacctcnt	480
tggnccectn	tttttacttt	tagggggcan	ccccattttt	cncctttggg	accccttng	540
gattttgtcn	ccttgggaaa	acaatttttc	ggggnccaaa	actttanaat	tnaannttgg	600
tttanagcna	anantgtggn	cccaaatgg	gtacangggg	gttncccca	caaaagccgg	660
ctctttttga	tattgcatac	ctcaatnccc	acttgtcaat	ccntttttaa	ttactttanc	720
ctctaacata	atgaatntta	ncgccctnan	aattccntcc	tganatacat	gtgangcctn	780
ttgcctgana	aantgacacg	aatnatTTTT	naanngatct	nntgannnnc	nctcancata	840
cgatatnta	cntctngnct	tnagaanaact	cttttattnc	ctggnagatn	aaaanggtan	900
cantntaang	ctntnttgtc	atcctcanag	ganttaangc	tataaaaann		949

<210> 5081

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 5081

ngnttnaaca	cctgntgtcg	ttctgcagga	tgnanganen	ctngnttcga	angngcnang	60
ngtgcacgat	nctgncenn	nattgctagc	gntaanacce	ncgagggagt	atggatncct	120
gnaaagcnc	ctggtccttg	ggaanccnnt	ccttnngtgc	ntnttattac	tgnaattnt	180
canaagattn	tgagatgctc	ncagtgtcnc	attgctactn	tnattgtaat	cattatggga	240
ttgatacgt	gtcanaanta	ctgccagcgg	cagctggagt	tgcttngcat	ttcacagtac	300
anacagnaga	ctatgtnaat	aatnggcaga	anaattctac	tnngctgtgg	aattcccaaa	360
ctaataatggn	ccagaaacta	gctaatacnaa	tcanttatgt	ccaacaaact	gtaatgnggc	420
taggagattg	agncgttagt	ctagaatata	gaatgcagnt	acaatgtgat	tgggaatactt	480
ctgattnttg	cattactcct	catctgtata	atgaaagaca	gcatgagtgg	gaaagagtta	540
agaaacatnt	gaaaggncat	actggaaatt	tacttttagat	attntgcaac	tgaaggaaca	600
antttttcaa	tctttctttg	gcacatctgg	acacttaatg	ccaggaactg	aagttgcttg	660
gaaggcgctt	caaaatggga	ttaagcaact	attnacccca	ttaaaaatgg	atcaagacca	720
nnaaactana	anaaaaactc	gaacctntta	aaaccattan	tgangtcgga	ntaccttan	779

<210> 5082

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (935)

<223> n = A,T,C or G

<400> 5082

atgggnatgg	nnnnnnnnnn	nnnnnnnttt	ttttgtttta	aaaccctttt	naaaaattgg	60
gnaccctttt	nggggtntaa	attanaatcc	ctnttgagg	ncttnntacn	ctccctcnaa	120
naanttaana	cactantatg	gccgtntttt	tcccnccnta	cctttgntnt	acaccccat	180
tgtgcnaaaa	gntnnccgaa	nnnggtnnca	ccaaacnttg	acannctcta	tagtaanttt	240
acnacnncac	ttgnncactt	cgccanctct	tnaacgcan	actagtagca	gaagtactcc	300
acccttnaan	aaaacanaca	actaangccc	ttttactgcc	ctcatcatcc	nnttangnac	360
ctgcttacct	atgaatgcct	nttanacata	canatntaat	acctggaaaa	tcacccacc	420

```

ngccncata ttcaaacnan acaacacatc cnnacactag anactcttgc cccacatcc 480
tcaggtnchna caaaacanaa aaggnttnct ncnatanttt cttactggcc ntncctgaac 540
tangnaccgc atncaaacca cntcatcnct tantannttc ncttgctcct tagccagctt 600
ctgncctgan aaccnccaan ctggaaaaaac acatctnccn anatccattn cttgngatca 660
caaanacnnt nnnccgcggn ctcaannncc tactcaaaga tccactgtcn catctgnccc 720
cctanacccc tttncntang cattcctaac tttntanaca aactgcttta cncttagtnc 780
anggaactnc taccttgcat catcnccnt ttttncntna ctttctcct ttgatcccta 840
cncttcaaag ggccttnnga ancnttgacc cnanaatnaa atttaattcc cnttnttgg 900
aggngtcctt cnaaacnnaa tttntaaaca ccccn 935

```

<210> 5083

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 5083

```

ggnnttnaan ntcagctctt gttctttntg caggatccct cgattcgaat tcggcaocgag 60
gcaagacagc cacatttgct atttccatcc tgcaacagtt ggagattgag ttcaaggaga 120
cccaagcact agtattggcc cccaccagag aactggctca acagatccaa aaggtaattc 180
tggcacttgg agactatatg ggagccactt gtcatgcctg cattggtgga acaaagtgtc 240
gaaatgaaat gcaaaaactg caggctgaag caccacatat tgttggtggt acaccggga 300
gagtgtttga tatgttaaag agaagatacc tttctccaaa atggatcaaa atgtttgttt 360
tggatgaagc agatgaaatg ttgagccgtg gttttaagga tcaaactctat gagattttcc 420
aaaaactaaa cacaagtatt caggttgtgt tgctttctgc cacaatgcca actgatgtgt 480
tggaagtgc caaaaaatc atgagagatc caattcgaat ttcttggtga aaaaggaaga 540
attgaccctt gaaaggaatc aaacagtttt atattaatgt tgagagagaa ggaatggaag 600
ttgggataca cttttgtgac ttgtacgaga cacttgacca ttacacaggc tggnatTTTT 660
ctcaatacna ngccncaagg gtggacctgg cttgactgag aagatgcacg ccnngagact 720
ttacaggttc ttgcttntgg ctctcgcgga at 752

```

<210> 5084

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 5084

```

gngnnnnnnn nnnnnnnnng nnnnnnnnnn gnnngttttt taganacagc tcttgttctt 60
tttgcaggat cccatcgatt cgenctacnc aagngtnnag ccnactncnc ntcaannnna 120
nactgggcan ggatnagact catannaaca ttgtgctgca ttgagaccn cagattcagg 180
gagccatcac cactacatgg canattgtga tctataaatt gctggggcat natcacatgg 240
ntccattntc nnaatggnc aaggatgcttg cacctatcga ncngggctat gttnagtatn 300
cctgggtcatt ggctaaactc atagctnanc gtaancggan tataaccatt gacctatgct 360
ngtggacatt tgacaccatc agtgacttta tnngantgat cactgatgcc tcatgacacn 420
gacctttatc aaaggacatg atggccaggc cctcttgang cntaccgtgc tatcccngaa 480
tgttgctnct nctntngggg aattttcaac ctgaggntnt gaaataatgg ncaaactcac 540
cancatggct tganggenta cacactggnt gtnaaacaac taattgactg ngatacagaa 600

```

ggntncnntg	ncnacttctg	naggatagat	ctnagaattn	ttnagctgta	ggctacntna	660
gaaatcggta	caccctccat	cganaggcca	tgatgtcnat	ngtacacaac	tnaccatnnc	720
ttcatgta						728

<210> 5085
 <211> 870
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 5085						
gagaagngna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagnngngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgca	cccnncangc	gncnantgga	ccccaggag	ctcnanngcn	gcnnacancn	180
annaccggg	ncacannggt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gccccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggnngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnncngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacaccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncccanang	840
nggncancna	ancaanagng	cccncccc				870

<210> 5086
 <211> 870
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 5086						
gagaagngna	ntnncggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagnngngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccgngg	ncccnaggac	120
caggncgca	cccnncangc	gncnantgga	ccccaggag	ctcnanngcn	gcnnacancn	180
annaccggg	ncacannggt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gccccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggnngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnncngga	cannanagcc	ctgcnangng	ancnccnaac	cangaacana	600
nnanggnacn	angaannnan	caaccnnnnn	ggggaanaaa	acccanccac	gangaacaan	660
ngnaccngg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacaccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncccanang	840

nggncancna ancaanagng cccncncccc

870

<210> 5087

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 5087

agagnnntnn	ntntttgaat	cctaattggct	ggctacttgt	tctttntnca	ggatcccatg	60
cgattcgaat	tcggcacgca	ggggcgncce	atcttggtgn	tcantnncta	tgccctnctc	120
cntgaccacc	cgacagacgt	ggactacang	gtcatgntca	cngntancga	attctacacc	180
angctgatng	gctttgacaa	ntccnnctn	tancagttgt	ncaaattccac	tatnnncngcn	240
aactcgaggg	tcangccnaa	cngtaacnat	ggccagtgag	ggnacctacg	caactgnact	300
cgganngttg	tatggagaaa	ctggtagacn	tcaaagactg	cctntccgct	tngtggtncc	360
ngcnacagag	gangangtcc	tacgtgnntg	agggtncnnc	cnttgggggt	atnnnancgn	420
antaggnnta	ncnctggacn	ganctggagg	cgcattgacan	cacatgatgc	ttnttgaggg	480
cctgaagatn	atcntgancn	acangtgtcc	ngtgangccc	tgtgantnca	ttatcatgta	540
gatttaggtn	gangaatgnc	ctgggacana	tgtttgtaca	tagnggccac	ctatganttn	600
acagantatc	tcataactna	tcagattgct	tnacngtctg	ggnancnaac	tcactcattg	660
gnaanntctt	gcatgctatn	cccaatgggt	ggatngcctt	nancttaaan	ataangntgn	720
tttttatcaa	nnnggcanan	aaaccgtntt	annngggtn			759

<210> 5088

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (738)

<223> n = A,T,C or G

<400> 5088

gaattgctct	gtgtttttgc	aggatccatc	gattcgggnag	tgngnagagg	cncacacnt	60
ntgngataaa	tgactnnan	nnctncngcc	ttgaanttcn	nnaggggtca	nnnctnctac	120
tcacnggnag	gngngccnna	agananctgt	gggtncgtnt	ggatnaannn	gtnattgacn	180
gccctggnt	ggntcaaaaac	ncnnccctag	tcntcangct	ncagggttag	gnacnacng	240
aatntacntc	tcctntgnga	ggnatcntac	tattncgtna	tggnnancnt	aatgctccac	300
annaangtgc	ngtngactca	cgtgctacg	actctcgaga	cnnttcntag	aagatcattg	360
tentctntac	cncnntngga	acttnaacta	tgtattgana	naaccttgag	gatgctatgt	420
ggccacagat	tcntatttca	atggaaaacg	nccnnctaca	ttatgcangg	gnnnctttct	480
gaatcgtgtn	gcacntcntt	catggggctc	naatnngccg	cttnaancnc	aaatattggg	540
cgttgcaacn	gctttgacan	tgtgtaannt	ctnngtntgc	nangctatac	ttggacccat	600
ttgccctgta	tgngcccttn	gcaatggntt	cntttcnaag	tataactacn	ancttncaaa	660
tggncaggt	cctgatnnnt	nccattttgc	naacgtgctc	atttnaanac	tgactgnaan	720
cgtttttgac	aaaanaat					738

<210> 5089

<211> 856

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (856)
 <223> n = A,T,C or G

<400> 5089
 gnagnagnnnn nnnnnnnngnn nngnnnnnnnn nngnnnnngtt tntnatanca ngctcttggt 60
 ctttttgcag ggatcccatc gattcggaant canctcganc atggannncc tcncctcagc 120
 antcnnatgn gcncctngg cnagntcacn nttgctgctt nagnnnntnc tgtcnntncn 180
 aattntgnaa ngncctnaat gtgnnannaa tcaggaaaat gctncntnca annctttagn 240
 ntttnaaccn tccatattct taacatntgn gacatnccat gggatgcnat taatattcaa 300
 ggntttttatn cgggtactnaa aaatanacac ttctaccngt caangttcng aaanancgat 360
 catnccgntg aancatngna tgtnnatanc aacctntgaa nagntnctca tttncacctg 420
 aaatcatggc actnatagca acctttntan aaggctataa aaanggactt gaatgtncna 480
 attgccccag aagagcgcta cccttcggga aggggaancc tgaatgttgc aaccactggg 540
 gataataant acccttattg tcaagaaaat ggcattgggg ggcacattca tntgaatttn 600
 ggacctggng actccttacc gaaattccca nccaggttcc acnaatggna atttgaagnc 660
 ccgtttgnt nttcngggac cagtggggaa aagcaattaa aaggccaaaa tccttccnaa 720
 acctttntca agggtttttna gnaaagtncc cacatggttt nnnaaaggct ttaaggactt 780
 gcnnttgga aangggnaaa aacnttttaa attgtaaggc ccaanggatt ccggaatacc 840
 gccngtaciaa taaaaa 856

<210> 5090
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (721)
 <223> n = A,T,C or G

<400> 5090
 ggnttttnnat cagctcttgt tctttttgca ggatcccatc gattngaatt cggcacgaga 60
 gaaaatcagg gatgtattag gaaagtaaca gtctctcatc aagaagccct ggctcaggna 120
 tatgaatate agtactgtgg agaggcccta tggatgccat gaatgtggaa aaacttttgg 180
 tcgacgcttt tccctggtgt tacaccagag gactcatact ggacagaaac catatgcatg 240
 taaggaatgt ggcaaaacct ttagccagat tncaaacctt gtgaaacacc aaatgatnca 300
 tactggaaag anaccccatg agtgtgacga ctgcattcag acnttcagtt ncctttcatg 360
 gnttantgaa cncnantaac cgcncactgn gngaanccct tangnatgta ctgagtnggg 420
 aaaggccttt anccgagcct acaacctcac tnggcntcag anaanncaca tntgagggaa 480
 acactatnta tgtanganat gnggnnnnnc ntttannact ggctnagaac tcnntngccn 540
 cnanattaca catactgaag nnanaccttn nngatncatn gnatgtgnga aaggcattnt 600
 gccgtttctt gcaccttaact ccnangtcat ancntnccta caactcaaaa ccccntnttg 660
 aatgggtgcng aatntagaga aagnccttttc gnnngaattct cnttncttnt nnaaannatt 720
 c 721

<210> 5091
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 5091

gagnntttnn	ccncnngaaa	gcccttctga	aatngcttgg	gnaggteggn	ctnnncnca	60
ngcagcnana	ngcgntggcg	aattcngcac	gcaggcaana	cttttctctg	gggcaggggn	120
gtcagcnatt	attnaattgg	attattncta	agttngctan	ntgggncann	tgtgnggagn	180
agggagnntn	cctgccacnt	nttctgntnc	ccncttctg	cccacacatg	cagcatccaa	240
agtccattna	ntnaatgaat	ggacanagt	ccgagcanac	nggggcnaa	ncangnncnc	300
agtcnacgca	tccngnntcn	taggnaaagt	ggtgaccgnt	cncggnggga	cntgccnaan	360
ccctggnaca	cagncggna	cnntnnangg	acnngcann	ctnggatgtg	cctcaggaaa	420
aacagggcna	gccttcnagn	nccgnatacg	agtnncnggc	cttananncn	anaacaangg	480
cnctnacttg	cngcatgctt	cactattctt	tnaggcacat	atatnttntc	ttattagntc	540
ctencatccc	atgagggacn	cagtggctna	tgcttgggaa	ancngncctt	nngnangtca	600
aagngggagg	attgctcnac	ctaggaann	aagaccacgc	tgggcggnat	antgngaacc	660
cancggtacg	acttgaagaa	aaatatccta	ancncngcct	tactaacttt	agnngcnca	720
attacgtaag	anccanacgg	atcagtttca	aatnagggnn			760

<210> 5092

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 5092

nnnnnnnnntt	nnnnnnnnnn	tnnttttnan	nnnnnnntttt	naataattgc	tattgttctt	60
tttgcaggat	cccatcgatt	cgaattcggc	acgagcccag	ccccaccca	gccccaaagg	120
aggctgttcg	agagggacgt	cctccggagc	caaccccagc	caaacggaag	aggcgctcta	180
gcagttccag	ttccagctcc	tcctcttcat	cttctctctc	ctcctcctcc	tcctcttctt	240
cctcctctctc	ttctcttctt	tcttcttctt	cctcatcttc	ctcctcctcg	tcgtcttctt	300
ccccctcccc	tgctaagcct	ggccctcagg	ccttgcccaa	acctgcaagc	cccaagaagc	360
cacccctcgg	cgagcggagg	tcccgcagcc	cccggaagcc	aatagactcc	ctcagggact	420
ctcggtccct	cagctactcg	cctgtggagc	gtcgccgtec	ctcgccccag	ccctcaccac	480
gggaccagca	gagcagcagc	agtgagcggg	gttcccggag	aggccagcgt	ggggacagcc	540
gttcccacgc	cacaagcgca	ggagggagac	acctagccct	cggccatgag	acaccgntcc	600
tccaggtctt	cataaattgt	ctttggggga	ttccaccaca	cccaatgctc	tggagccaca	660
aggagtgtnc	cttnttccca	cagaccgtgg	ganggtcctt	gctgctttct	ttgaacttgg	720
cagccttgga	tgganggtc	ctttncctcc	cttttttttt	ttttgt		766

<210> 5093

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 5093

gagaagannn	nnnnnnnagaa	agnnnnnnnn	naggnaggtt	ctaaatnctt	ggctatcgan	60
ctctnagcag	gagcccatcg	attcgaattc	ggcacgaggc	gggcgctagg	cgcgcgacc	120
cagcactngg	tcccagncga	nanatctggg	gcagcgcgcg	gtggaagctg	cgngcngann	180
ggancanttc	tggtcacga	ccttgacgct	agcgcgntta	tcangnggaa	accncgnnnc	240
cacnnnaaca	aaaagntggc	tggatgtggg	gnncncata	cctggaatcc	cagcnnctnt	300

```

agcggcnnaa gcatacagaat cacntgaacc canaacacag gncgcnetga nccaagattg 360
tgccccctgca ttctagcctg ggtgacagtg anacnggctc aaaaagataa aggtgtacag 420
ggantgtata ttcagacaac ntggatatga agatgtgcta cncctantgn nccangctga 480
tactaagtna acactcnnnta cnatanagan ggagatntgg gacncatagg actgnggnca 540
tnttaattan ttcangantg ttttccacna gcnnttaact ggatttcaca ttanagaaac 600
ntttncagg accctnnaac gggtaaattn ccaacggann nctccaaatg taccaatttt 660
antgccccga atngggaaaa ttncnacang ncccttttnc anggtatgna canagnactt 720
ttaantnacc cnccantcaa cctnnnacca nttnttttan tccangncan nctaccagtt 780
gtncnaccac aaagnttttn aagncccatt nnnnttngtn aatnnnnggg nnaaacccnn 840
nnacaaattc n 851

```

<210> 5094

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (731)

<223> n = A,T,C or G

<400> 5094

```

ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cacgagattg gattgccaca 60
cggctcacat tgcattgcaag tttgctgagc tgaaggaaaa gattgatcgc cgttcttggt 120
aaaggctgga agatggccct aaattcctga agtctggtga tgctgccatt gttgatattg 180
ttcctggcaa gccatgtgt gttgagagct tctcagacta tccacctttg ggtcgctttg 240
ctgttcgtga tatgagacag acagttgcgg tgggtgtcat caaagcagtg gacaagaagg 300
ctgctggagc tggcaaggtc accaagtctg ccagaaaagc tcagaaggct aaatgaatat 360
tatccctaata acctgccacc ccactcttaa tcagtgggtg aagaacggtc tcagaactgt 420
ttgtttcaat tggccattta agtttagtag taaaagactg gttaatgata acaatgcac 480
gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttggtttt cttttttgcg 540
tgtggcagtt ttaaagttat tagtttttaa aatcagtcct ttaaatggaa acaacttgac 600
caaaaatttg tcacagaatt ttgagaccca ttaaaaaagt taaatgagaa aaaaaannnn 660
nnnnnnnnnaa aaaaaactca gcctntaaaa ctntnnngag gcnttttctt anatcccacn 720
tgataaganc t 731

```

<210> 5095

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 5095

```

gnntttnnnn nnnnnnnntt taagnaattt gcnactcggt ctttttgcag ggatcccatc 60
gattcgaatt cggcacgagg attacatagt gacatatatt agcttttctg ccacatttga 120
taacattgct aatattttct ttttttttta ctgaactctt tgaattttaa gttttctctc 180
atttaaattt attaattaaa aacatacctt tactctgttc ccttttagcat ttcaacctga 240
tgttaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttgagta 300
tttaattctc tgaagcagtg catgactctt gctcttcagc ctcttgagag tgtccctggt 360
ttatatctct gatgatacaa accctggaat ttcttgtctg aagtgtnaac actttatttc 420
caggctctaa tttgatttga atagtggag ttccagattca atgcattaat gacagattct 480
atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggc 540

```

tttttgacta	tcctctttgt	ataatgagac	tcttttctca	ttagatgagt	aaaaagatcc	600
agagatgatc	accagtatcc	cccagaattc	atatatat	aattgaaaag	aaacaaatnc	660
tgggattctt	tnctaaaaan	ggtggattac	atttcttgnc	tgnttgnaca	tctttgnnta	720
acngaaagaa	aaataaaaaa	attnattttc	caccc			755

<210> 5096

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (777)

<223> n = A,T,C or G

<400> 5096

gnnnnnnnnnc	tttnaaatcg	cttggcnttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agagcggnnt	ttntnntgnn	tgcenctcat	ttgtngnann	nantngactt	nataatntng	120
atgatnnann	nangtangnt	atgaggnatn	cacatnnnat	tnangntgna	nnatattcna	180
aggnannann	tnncagacn	ntggntggnn	acntntcana	tngtttagac	tnngncaaag	240
gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gctcacnnag	tatacttnca	ncagnanmtn	taaccttaga	tactcgatct	360
taaacttgnn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtntnnc	atcaancagn	420
nnatctnnaa	atctgnnncan	aggancgntt	ttaaactcat	nnctggaatc	ctcagatnna	480
ggacccatnc	angnaggnt	gancntgnnt	gccctgttag	cacgnanttc	canntgngtn	540
aactctcaca	atgngtttna	agaacncnaa	aggctggccc	ntgntentat	gagtgattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatggtn	660
cccactggtt	nggaaccaat	tngaactgca	ccttcngtn	cctttantng	nggcaaacca	720
aancatncnt	tancattcca	tttgaccctn	nttttttacn	ttaanacnan	ccttgac	777

<210> 5097

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 5097

aggntnnnt	ttgnnnctaa	tggctggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggecn	catgagatcn	cctgctnggn	ncnttgnnt	ctnatggcca	120
ctgntatcnn	agccntgnnc	tgaagggtgca	ngctcacgcg	ncggagggtcc	nttgagaccc	180
agnctgcttc	nataancagtc	cggtcnctca	nanctccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccnggccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgnccctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcgnccgtt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5098

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5098

aggntnnnt	ttgnnnctaa	tggetggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggccn	catgagatcn	cctgctnggn	ncnttgnnnt	ctnatggcca	120
ctgntatcnn	agcctngnnc	tgaaggtgca	ngctcacgcy	ncggaggtcc	nttgagaccc	180
agnctgcttc	natancagtc	cggtcnctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnctn	tgtggncaca	ntaagattcg	ccgngccttg	300
cntgannann	tactnntnat	atcnatgant	gctgntctgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngac	natttngcga	420
cngtnaatgt	gccncattgt	gctctnatgc	cattcnatac	tagattccac	agaaggagac	480
cntgcatnt	gcttaaatan	tgetgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatcnt	cngtagcatc	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgnccctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcngcgtt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5099
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 5099

gngntgnnnn	nttnnnnngnn	agnnnnnnnn	ngnnngcttt	ttagatcagc	tcttgttctt	60
tttgaggat	cccacgatt	cgaattcggc	acgaggaaat	gacaagatcc	cacaaaagtg	120
ctgcagatga	ttacaataga	attgggtctt	cattatatgc	tttaggaact	caggattcta	180
cagatatatg	caagtttttt	ctcaaagttt	cagaactgtt	cgataaaaaca	agaaaaatag	240
aagcacgagt	gtctgctgat	gaagacctca	aactttctga	tcttttataa	tattacttaa	300
gagaatctca	agctgctaag	gatctcctgt	atcgaaggtc	tanggtcact	agtggattat	360
gaaaatgcta	ataagcactg	gataaagcan	gagcanaaaaa	tcaagatgtt	ctacaggccg	420
aacttcccaa	caattatgtt	gtcagaaatt	tgaaaaaata	tctgagtctg	caaaacaaga	480
acttatagat	tttaagacaa	gaagagttgc	tgcattcaga	aaaaattagt	ggaactggca	540
gagttagaac	tgaagcatgc	aaagggtaat	ctacagttgc	tgcagaactg	cctggcagtg	600
ttaaatggag	acacattaag	ccacacttcc	gnctttctgg	ttaaaaangg	ctggcctttc	660
cttcaaattt	tattttttggn	tttcttaaat	ggatgggttaa	gccttttatg	cctcactggg	720
aaaccaaac	aaaaagccac	ttggaaaaag	gtgccntnaa	cttcctcttt	tttctggaag	780
a						781

<210> 5100
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 5100
 ttacnatnan tgtgcttgan ggcttggncc naaananatt ggctntggcg aattcggcac 60
 gaggtgagaa ggtaggtcc ggctcagact gaataagaag agataaaatt tgccttaaaa 120
 cttacctggc agtggctttg ctgcacggtc tgaaccacc tgttcccacc ctcttgaccg 180
 aaatttcctt gtgacacaga gaagggcaaa ggtctgagcc cagagttgac ggagggagta 240
 tttcaggggt cacttcaggg gctcccaaag cgacaagatc gttagggaga gagggccagg 300
 gtggggactg ggaattttaag gagagctggg aacggatccc ttaggttcag gaagcttctg 360
 tgcaagctgc gaggatggct tgggccgaag ggttgctctg cccgccgcgc tagctgtgag 420
 ctgagcaaaag ccctgggctc acagcaccctc aaaagcctgt ggcttcagtc ctgcgtctgc 480
 accacacatt caaaaggatc gttttgtttt gtttttaaaag aaaggtgaga ttggcttggg 540
 tcttcatgag cacatttgat atagctcttt ttctgttttt ccttgcctcat ttcgttttgg 600
 ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac 660
 anaaatnaat gttttttttg ctttttcaaa aacaaaaann tcntaaaaaa cctcgagccc 720
 ttttanaacn tattantgag tccgtattta ccttanaatc cagaccctga ttangatcca 780
 tttgntnaag nnttgct 797

<210> 5101
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5101
 gnnnttnaan ngctggctct tgttcttttt gcaggatccc atcgattcgc gaaggggaag 60
 aacagatcct ctgaaatttc aaatngaaaag aaaagatatg ttagaaagga gaaaagtact 120
 ccacattcca gagttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc 180
 cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg 240
 agctactttc atccttagga atgttatcga aggacaaggt gtcgagattt gctttgaact 300
 ttataatcct cgggtccagg agattcaggt ggtcaaatta gagaaacggc tggatgatag 360
 cttgctatac ttacgagatg cccttcctga atatagcact tttgatgtga atatgaagcc 420
 agtagtacia gagcctaacc aaaaagttcc tgtaaatgag ctgaaagtaa aaatgaagcc 480
 taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga 540
 tctttgntta actgaacagc aaatgaaaga agctcagaag tggaatcagc catggcttga 600
 atttgatatg atgagggaat atgatcttca aaaattgaag ctgcaatatg gaaggaaatt 660
 gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat 720
 tggctcttaa gangatatat tttgagancc at 752

<210> 5102
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 5102

```

agagnnnnnnn ttttatctct aatgctggct acttggtctt tttgcangat cccatcgatt      60
cgaattcggc acgaggttgc ctgcggcgtc cacttccttg gccgcccttg ctacactggc      120
tgattgttgt gcagccggcg ccatgtctgt gagcgagatc ttcgtggagc tgcagggctt      180
tttggctgcc gagcaggaca tccgagagga aatcagaaaa gttgtacaga gtttagaaca      240
aacagctcga gagattttta ctctactgca aggggtccat caggggtgctg ggtttcagga      300
cattccaaag aggtgtttga aagctcgaga acattttggt acagtaaaaa cacatctaac      360
atctttgaag accaaatttc ctgctgaaca gtattacaga tttcatgagc actggaggtt      420
tgtgttgacg cgcttggtct tcttggcagc atttggtgtg tatttggaag cagaaacact      480
agtgactcga gaagcagtta cagaaattct tggcattgac cagatcggga gaaaggattt      540
catctggatg tagaagatta tctctcagga gttctaattc ttgccagtga actgtcgagg      600
ctgtctgtca acagcgtgac tgctggagac tactcccgac ccttcacatc tncaccttca      660
tcaatgagct ggattccngg tttegccttc tcaactgnaa aatgactccc tgaggaaccg      720
ctacgaacga ttgaaattga cn                                     742

```

<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1245)

<223> n = A,T,C or G

<400> 5103

```

gcntnccctt gcatacctaa nagctggtn gctcttttgc aggatcccat cgattcgctc      60
tgtgattcag agcccttagt tgagagcccc tgccgcccct gccaccccc tgccccgctc      120
ccaccattgc cctcctcag ctgtgcaagg agaaagcatg cttaggaagt tttcaggtcc      180
ttgtgataaa acctccttaa atctgttcag accaagcaat gcgagcttcc tctcctgtcc      240
catgttggaa gttgctctga aggggtggta gatgctggaa gccagacaca acctgcgta      300
cgctgctcag ttggtggaga ctggggctgg gactggagtc agcccagctg ggaggagggg      360
ctggggagga tctgnannng cangcccnan nnatcntntg cntntccctc nctcncctct      420
tnntttatct antccttnnc cctctnnct ttnnatnnnt nnactccctt nnactcnttc      480
nnccantctn tatctcncn tntccttct ctcctannta nnntcacnct cnactctctc      540
tntacttncn atcacnntca ccttctctc tctannctc atcncaactn tntnnnccna      600
tccnctcncc ccttnaccnn ntnacttana cctcccnatc tctnnatntt canctntnta      660
tctacactct ctntccntct catctacann tnnatatcnc nnccatnana cactcctntc      720
tctcacnctc ncncaanttc actcttaactn ntaactnnnn nctnanacta cncacacttn      780
tetattnctc tntctnactc tntctatnct ctctcctnct cttatcntcc tctcncnca      840
ttntacttct tcatctccac tntcncanct nectctctt cntctntanc ctctcncnt      900
ancattcttc tttcattnnn acnccntcat cnnttancn ctatctnttc tntntccnc      960
tctnnccncc cncactctcn ccatcncnnc ncnctntcna canntctct cctcccntac      1020
ctccacnnnc tctccnctc ctcataact cttctcanat atctcttnnn atnctcacc      1080
tencacnana cntcaatnnc ncttacetta nncntnnan ccatnctnac cctctctact      1140
cttnnacnta ttctcncatt ctnccttcac ttatctntat tntctctntn tcnccntant      1200
ctcncncttt ctcatctccc tnnctcacat cactctacnt nctct                                     1245

```

<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1701)

<223> n = A,T,C or G

<400> 5104

cnggnnacct	tctaattggt	cttctntggcg	gncttnaaaa	attgngcttg	tngggccncc	60
tttaaacnnc	ntgaaattat	ggcggncttt	gggggggatg	anattatggn	gtncntttgg	120
ggggctnann	ttnatgggtct	cccntnnnnn	actcnatgnt	ctntcctaen	atntcnnttg	180
ntntctcttt	cgngcnttta	tctnntgtca	ntntctntnt	cncctctttn	ctcatccant	240
ntnttacctc	tectctgncg	angcnctcan	nnannncncg	cnnccnnaca	tatacctntc	300
tttcnncctc	atnnacntat	acnnntctcn	ctcnccatan	acctctttnn	anctactcnt	360
nttatccnct	ctcctactct	ctccgtcnch	ngttcncann	tatcatatac	ccnctgcta	420
tcgtccctct	tcanncttct	gcnaccctct	ctnacctntc	tccctnccnt	ngcctanttc	480
atcatnctat	cccntctnnc	atccccatca	canttctacc	actcccanca	cccccttct	540
antctccntc	ctntcnaatc	tnnnnnnttt	atatctnant	cnctctccn	cctatctntc	600
ttctctntc	ncntnccac	cncctcnctn	atntcnctt	cnnccntnnt	cngtntccna	660
cccccttnat	ccctacacac	ctctnnccnn	acntctcggn	tttctctnt	cntctntaac	720
atccactnca	ncatctcttn	atctannctc	tanctcance	ncctnnccat	actatccata	780
ncanantnn	ttcaanntct	ccnaccnctc	ctcnccactc	tnntatctct	ctnngnntc	840
tnctntctc	tnctactcta	nattcttata	ctntttcnta	ctacctntcc	ncctatnnc	900
tnnnctactc	acnnntnctn	atctctctct	cctctnanc	tcnctactc	cttatanatc	960
ttcnatncta	tcacactann	ctnccnctnt	cntactnata	tcttnntntt	ntctctcaca	1020
ctntacatca	ctnccantc	atcnntctcc	tcantacnnc	cnnccnctct	ctacatatat	1080
attcctctc	tctctctntn	cntctctntc	tcctctntct	ntcatnanac	ancactnact	1140
ctncatctnt	ctctctatnn	ntntccntca	ctcacattct	ntncacncc	antnccnct	1200
cnccttatct	ctanntctcn	acntctctct	actnctntnt	ctcnccatccc	actctatnat	1260
acntcncc	tatttncnt	actctctcta	catacnctc	tctncttctc	cactctctct	1320
ctctctctcn	aantnccncc	tctnctnttn	ntcatntctc	cncctaacct	ntatcnctcn	1380
anactncta	nnctagtctc	tctntannca	ttctctatc	cnnntcnat	ntcacacanc	1440
nnataactnt	ctncatcact	cctcactctc	tnntatctct	ctctctntta	tactctctct	1500
acntntcnnt	ntcatccana	cacattnttc	atnctatatn	ntccnccncc	tctctctctc	1560
ctntctatac	atctacncc	ctatcctntc	cactctctcn	tctcatnctc	ncnctctnt	1620
ctacnnatcn	ctctctntta	ncnatnctnn	ctctnccat	atctcactct	cactcatctn	1680
tctnctcnc	ncntctccc	t				1701

<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

agagnnnnnn	nnntnttctt	tgcttantgg	cttgggctcc	tngttctttn	tccaggngagc	60
ccatgcgatt	cgaattcggn	acgaggtgtn	aaagngaact	tttaagggag	gttctgtctg	120
tnccagaaac	ccttcaagaa	aaagcgaagg	nnnttctcag	agctgaagat	caagcgctg	180
agaaanaagt	ttgccccaaa	gatgcttcta	naggctagga	ggaagcttat	ctatgaaaaa	240
gcanancnct	atcacaaggc	atatnggcng	atntacagaa	ctgnaattcg	aatggcgagg	300
atggcaanaa	aagctggcag	ctcntatgna	cctgcanaac	cnaanttggc	gtttgtcatc	360
agaatcagag	gtatcaatgc	gagtgcgccc	aaagggttcga	anggtgttgc	agcttcttcg	420
ccttngtnaa	atcttcaatg	gaacctttgn	nnngctcaac	atggcttnta	ttaacatgct	480
gangattgta	gagccatata	ttgcatnggg	gtaccccaat	ctgaantcag	tnctntgaact	540
aatctcaaac	gtgggnnatgg	caaattcaat	annaagccga	attgctttnn	cagataacgc	600
tttgatngct	cnatctcttg	gtcaatacgg	catcatntgc	atgggangatn	tggttcatga	660
aaactatact	ggtgnnaaac	gcttcaaaga	ngccaattac	ttcctgtggg	ccctcaaatt	720
gnntnttcca	cnantgggaa	tgaagaaaaa	gacccc			756

<210> 5106
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 5106
 agagnnnnnn tttttgtctc taatggctgg ctacttgctc tttntgcagg atcccatgcg 60
 attcgaatgc ngcncgaggc nttagtgtgct nnttgaaaag ggaactgcac ntgacnnat 120
 catggaanga tagctncact ncttnccgac cttggtcaca ggccgncatg agganggact 180
 gttccantgc tncngnggcc nctgnctgn tncatcac tggnccttagc tttggagtac 240
 ncaactccaa gtggcccgag tctagactct atcaaatncc aactgatag caacaatgan 300
 tgcactctgat gtgtgctgct ggcnatctta agcccaaat gcttcaaaga tnaaacagnc 360
 atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420
 ctaacgaact tcaactacaag aaatncaatct tatatccnng cacnnaaatg tgganntnta 480
 catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540
 ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720
 tagaactata tgagtcggn tgcgtann 748

<210> 5107
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 5107
 gttttctcct gttacatcat gctgaatcct ttcccttagc cattagcttt tattatgtgg 60
 tcttcatagg aaagccaccc tgggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgtctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180
 caactgcttg gagctccaca cttccctttc gcgactcagg ctctggtgct gttgccaat 240
 ccttgcttgg caaagactgt tcgatcatgt ggggtcctta tttacaaggg aaagctgggc 300
 cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360
 ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaataata agtantgtta 420
 gaaacctgaa agtacagaat ctcaacctta cnagtcttcc ccttagtcct gtggccttcc 480
 taagccagct gttaaccgtg ttgattcctt ccacttcccc caaagtaagg caggcaacag 540
 atatgttgat tgtcttagaa agtaatctgg ttctcttgaa ctccattgaa ttccagtttg 600
 acgcatactg cctggaacca gactgtttgc ttacagcttt ttaaagaaaa atctgncttg 660
 gtccctgnccc cant 674

<210> 5108
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 5108

attgaggaag	atctaggtaa	aacctttaag	ttaaccttct	aagtctcaga	cacgtaaacc	60
caagtgtggc	aaaggaactc	attgctctcg	aaatgcatat	atgttggttt	atagactgca	120
aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tctttctaata	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggctcag	cactctgcat	ccctggagta	ttgttggtnt	ttatatattt		589

<210> 5109

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (660)

<223> n = A,T,C or G

<400> 5109

aaggggaagga	ggctgctggg	tagcaaataa	gccccttctt	ttcttggtga	gttgatgacc	60
tccaatagct	cccagtgkca	ygrgkaccca	gtacgcatta	gctgggtgtt	ggttgattga	120
gacctggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgttagga	180
gttatcctct	ttgcctggcc	tttgagaata	acttactgtg	tgactttggg	caagttcctt	240
ccccactctg	ggcctcagtt	tctcacttgg	gaaagcaagg	agtttgacca	gatgatcaca	300
atgggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tggctctggtg	360
ggtagagcca	gagctgctga	ctgggtctct	tgccctccaga	ggggatttat	tggacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	cacctgtgct	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgcccaagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgacagta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgagggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

<210> 5110

<211> 615

<212> DNA

<213> Homo sapiens

<400> 5110

ccatagcctg	ttgagtgttc	ccagatgtga	ctcacctttc	tgetgcectc	ttcatgcagg	60
cctactgact	cataakkcac	gwkgctccaa	aagccacccc	acaagcctga	gccaacctgc	120
tgccctgacgc	cacagtcatt	ggcagaggct	tgggcattat	taatytataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgagggt	gttcgggtttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300
ttttgtgttt	ctgggtattta	ataacttgaa	gggatagcaa	aatatactgt	gtattcagag	360
ggcctctctg	cagctgctag	ctcagacacc	aaaggggtaa	ggcccaggac	attcatatct	420
ttaaaagctg	caaacctggg	aacctttaaa	cttttaaaac	aaatgtcata	tggggttaaca	480
ctgacctttt	ataatttgat	gtctcaaatg	tagagattat	ctaaaaatcg	taacttgaat	540
accttgtaat	ttttctctta	aaaaagaaga	cttgtgtgaag	tctctgcata	aacgccaata	600
aacatgttgc	ttaat					615

<210> 5111
 <211> 937
 <212> DNA
 <213> Homo sapiens

<400> 5111
 gtggtggctc acgcctgtaa tcccaaagt catggattac aggtgtgagt gagccaccgc 60
 ggccggcctc tatcattttc tgactcagca gctccacca aattgacatc ctagcaaaaca 120
 ctgtgaagga attaacctaa gtsyttccag agcatctcat gtaacctcta tggagtaagt 180
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
 ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctcggtaaca tttccaatgt 300
 ccttcaagag ggaaacaagt tcagtgttat catcgtggca ttcgttagtt tttttttttt 360
 aaatcacktg tttagataca actttatttt tttataccta catagcacat gactgggggg 420
 ataaagcatg tataagttgg gagagggtaa agaatgtgtg actatgtata cagaaaatag 480
 actaaaatgt gcagcaaaat gatataact gtaatctggt ttttgaagta tctactattc 540
 tggaatattg ttaaacaact ttttgctttt gaaaaaaaaa aggtgccttg attcagttgc 600
 gtgacttaga acattcatcc tattttattg tgatttttaa tgtcttctga ccccaaactg 660
 tgtttttggt tgcagtctgg eggctgcagg catagcgctg gttttgttcc aataacagag 720
 accaaagagt taatcagata tggttcagct gctacaattg tatgattcaa aggcaattta 780
 atcaccccaa atttccatgg cccccacagt caagacctgc cattcgtttt ctcttcgagg 840
 ttggagtaaa tttgcacttt gaatcatgtg ggtcatttgg ggaccttgtt cttttctatt 900
 ttgctttatt aataaaggaa cttgtagaaa aaaaaaa 937

<210> 5112
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (653)
 <223> n = A,T,C or G

<400> 5112
 gagacctcta acctcccga gttgagcaaa tacactctga gagacattag ggactgtggc 60
 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
 ccaggaactg tcctggcaga taagacagac tgtgmaaggc catcgtcaty ggcatgggaa 180
 gggcattaat taccaaagtg gagacasagt cactgtctcc aagagcattt ggaatcactt 240
 cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300
 atactgtgat gaattgcttc acatatctga gttctgatgg gaaggagtcc aagtgcggta 360
 gctgtagaga acgctgggga agcccagttc tatgtagctc acgtatgaaa ggaatattca 420
 tgaagagnaa aacagaggca ttatttgaga ttaactgcct gagaaaccta gtctaattcc 480
 aagtgtctag aaaatgttga ctacttgcca tgtgcccagt aaggtgcttg gagctttata 540
 tgnatcctct catttaacct tgtgacatag ttatgctggt anaccttgct gcgttcgtgt 600
 acnttgaatg aagttgaagc ttaanggaag gttaaaaacnc caaccnaac tga 653

<210> 5113
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (559)
 <223> n = A,T,C or G

```

<400> 5113
ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag      60
cttgggcttt gacccgagtg gccagcgccct ggcgctctgt agtgatgacc gtactgtgcg      120
tatckrgcgt cagtawctac caggcaatga acaaggggtg gcatgcagcg gctctgaccc      180
cagttggaat tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc      240
ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgca tccgctgtkt      300
tcaggaggat cccaactcgg atccacagca gccacacctc tccctganag cccacttgca      360
tcaggcccat tcccaggatg tcaactgtgt ggccctggaac cccaaggagc cagggctact      420
ggcctccctg agtgatgatg gggaggtggc cttctggaag tatcagcggc ctgaaggctt      480
cttgaagctn acctcgactt ttggacagag taatggactc cccagaaaac gttcatataa      540
gaattttacc agncccttg

```

<210> 5114

<211> 554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(554)

<223> n = A,T,C or G

```

<400> 5114
gaagagcttc tgcaggggct gagcagaccc cagggcctct tagccaatcc ccgggcctgg      60
tgaagcaggc gaagcagatg gtcggaggcc agcaactacc tgcacttgcc gccaaagagt      120
ggcaatcttt taggtctctc gggaaggccc cagcctccct cccactgaa gaaaagaagt      180
tggttaaccac agagcaaatg ccttggggcc tgggaaaagc ctcacacagg gcagggtctc      240
ggccmwtagt ggctggacag acactggcac agtcttgtgt gtctgtggg agcacacaga      300
cattggcaca gacttgctgg tctcttgga gagggcaaga ccccaaacca gagcaaaata      360
cacttccagc tcttaaccag gctccttcca gtcacaagt tgcagaatca gaacagaagt      420
agtaccaatt caatgttcac atgaacaaac aagctgcccc caggggtacc attttgggga      480
gggggaatct ttttttttct tttccctttt aaaaaaaaac acntttgncc cgaacatttt      540
cccattttnt tttt

```

<210> 5115

<211> 477

<212> DNA

<213> Homo sapiens

```

<400> 5115
gctagactca agctgtcttg agagtgtgaa acaaaagtgt gtgaagagtt gtaactgtgt      60
gactgagctt gatggccaag ttgaaaatct tcatttggat ctgtgctgcc ttgctggtaa      120
ccaggaagac cttagtaagg actctctagg tcctaccaa tcaagcaaaa ttgaaggagc      180
tggtaccagt atctcagagc ctccgtctcc tatcagtcgg tatgcttcag aaagctgtgg      240
aacgctacct ctctctttga gaccttgttg agaagggtct gaaatggtag gcaaagagaa      300
tagttcccca gagaataaaa actggttggt gccatggcag ccaaacggaa ggctgagaat      360
ccatctccac gaagtcctgc atcccagaca cccaattcca ggagacagag cggaaagaca      420
ttgccaagcc cgctgcagtc tgcaaaggct ttcacaaatc agaatcaact ggtaatt      477

```

<210> 5116

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(957)

<223> n = A,T,C or G

<400> 5116

aatgtatttt	ttcagtaagc	acccagaggc	ctccattcag	gctgtttttt	cagatgcca	60
aatgcatatt	tgggcattag	aaggtctgtc	gcacttagta	gcagcatcat	ttacagagga	120
tagatttgga	gttgtccaga	cgacactacc	agctatcctt	aatactttgt	tgacactgca	180
agaggcagtc	gacaagtact	ttaagcttcc	tcatgcttcc	agtaaaccac	cccggatttc	240
aggaagcctt	gtggacactt	catataaaac	attaagattt	gcattcagag	catcactgaa	300
aactgccatc	tatcgaataa	ctactacatt	tgggtgaacat	ctgaatgctg	tgcaagcatc	360
tgcaaacat	cagaaaagac	ttcaacagtt	cttgaggttc	aaagaatagt	taagtaatat	420
aaactgtgtt	cattacactg	ctgatacaac	tacagatggg	acagtaaagt	ttcagcattc	480
ttggatcaga	agaaaacgga	ctaattagat	gcttcctttg	tcgtgggtgg	tgctttgaaa	540
actatacttt	aatgggagaa	atcatggaaa	gaaattctca	acagaataac	tgaaaactgc	600
cttttctgta	ccgattgctt	tttgtgtgtg	tgggtataata	aaatctttat	tcaattttac	660
agaagcattg	atggcagtc	gaaatgtctc	tagctcatat	aacttaatat	taataactaa	720
aaaactttta	gaatttactt	ttgaaaggag	ggaagccagt	tctgaaatga	gtatagggtg	780
atttcatagt	ccncctaatt	aagagtttag	ctcnttggtg	aactccaaat	acataaactt	840
tttaagtggg	gttccattta	ctggaaggat	taaaaatggg	acagtgccag	ccatattcnc	900
caaaaatatt	gtctaccggc	ntattttggg	aanccgttag	gttgggggtt	tggttcc	957

<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 5117

cttttttaag	caaagcagtt	tctagttaat	gtagcatctt	ggactttggg	gcgtcattct	60
taagcttggt	gtgcccggta	accatgggtc	tcttgctctg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgttcgg	cctctcctgt	180
taaacaaaaa	cattctaaaa	gccattgttc	ttgcttcatg	gacaagaggc	agccrgagag	240
agtgccaggg	tgccctggtc	tgagctggca	tccccatgtc	ttctgtgtcc	gagggcagca	300
tggtttctcg	tgcaagtgtc	agacacagcc	tgccctagtc	ctaccagctc	acagcagcac	360
ctgctctcct	tggcagctnt	ggccatgaca	accccagaga	agcagcttca	gggaccgagt	420
cagattctgt	tttgtctaca	tgccctctgcc	gggtgccggt	attgaggcac	ccagggagct	480
gttactggcg	tggaatatag	tgatgctgct	acctctgctg	ctgcactcac	agcc	534

<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

caytygkcag	gggmsagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
catgtttgtg	gcattcgggtg	gacaccatgg	ccttggggcg	ctggacaggt	ttttgtgatg	120
tgarggacay	gcatggggca	catggtaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggtttttagga	ccccacccc	catgcctgta	ccagggtctg	cctccagagc	gggtgaggac	240
agagcagctg	tgggcttttc	attctgaggt	cttggccccc	ctggccaccg	caagggactc	300

<210> 5119

<211> 598

<212> DNA
 <213> Homo sapiens

<400> 5119
 ttccagcttt cgttaccagc aggagctgga ggaggaaatc aaggaattat atgagaactt 60
 ctgcaagcac aatggtagca agaacgtctt cagcaccttc cgaacccttg cagtgcgtgt 120
 cacgggcatt gtagctttgt acatagcctc aggcctcact ggcttcatag gtcttgaggt 180
 tgtagcccag ttgttcaact gtatgggttg actactgtta atagcactcc tcacctgggg 240
 ctacatcagg tattctggtc aatatcgtga gctgggcgga gctattgatt ttggtgccgc 300
 atatgtgttg gagcaggctt cttctcatat cggtaattcc actcaggcca ctgtgagggg 360
 tgcagttggt ggaagaccat ccatggataa aaaagctcaa tagcatctta acgtgaagat 420
 caaacaagaa cacaacaagc ccctactgat ttctgggttt ctgccacggc cacagggttca 480
 tatccagagg aatggcagat ctgagacgat ccaggaagag ctaaaacatg gccctgtaat 540
 aaatgagcag acctctcctg tggtttcaaa ttattaaaca cacttccatt tctcttgg 598

<210> 5120
 <211> 1416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1416)
 <223> n = A,T,C or G

<400> 5120
 agtgagtggt cttaccaaaaa atccagttatc cttgccatcc ttgccaaatc ccactaaacc 60
 aaacaggcgt tccttctgtg cccagtccta gtattcaaag gaaccctact gccagtgtgt 120
 caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag 180
 ccacaaggac ttctttaccc acagwggggc catcaggact ctatagtcca tcaactaatc 240
 gaggtcctat acagatgaaa attccaattt ctgcatttag tacttcgtct gctgcagaac 300
 agarcagmwa taccacccca agaattgaaa accagacaaa caaaacaata gatgcttctg 360
 tcagtaagaa agcagctgat agcacatcac agtgtggaaa agccactggc agtgattcaa 420
 gtgggtgtcat tgatctcaca atggatgatg aagagagtgg agcttcacaa gaccccaaaa 480
 aactaaatca cactcctgta tcaacctatga gttcttctca gcctgtgtca cgaccattgc 540
 aaccataaca accagcaccg cctcttcaac catctggggg gccacaagt ggaccatctc 600
 agaccaccat acacttacta cctacagctc caactaccgt gaatgtaaca catcgtccag 660
 taactcagggt gaccacaaga ctccctgtac caagagctcc tgcaaaccac cagggtggttt 720
 atacaactct tcctgcacca ccangctcag gctcccttgc gaggaactgt tatgcaggct 780
 cctgctgttc ggcagggtcaa tccccaaaat agtnttacag ttogagtgcc tcaaacaacc 840
 acatatgttg taaacaatgg actaaccctg ggatcaacag gacctcagct cacagtgcac 900
 caccgaccac cacaagtgca tactgagccc ccacgccccg tgcaaccagc acccttacca 960
 gaagctccac aaccacagcg tctgccccca gaagctgsca gcacatctyt gcctcagaag 1020
 ccaccccact tgaagttagc acgcgttcag agtcaaaatg gcatagtact gtcattggagt 1080
 gtccctggagg tggatcgaag ctgtgccact gttgatagct accatctcta tgcttaccat 1140
 gaggaaccca gtgccactgt gccctcacia tggaaaaaga ttggggaagt caaggcactt 1200
 cccttgccca tggcatngtt actctcacc agtttgtatc tggtagcaaa tactactttg 1260
 cagtacgagc caaggatatt tatggacgtt ttggtgcttt ctgtgatcct cagtcaacag 1320
 atgtgatctc ttctaccag agcagttaaa cttgggagct ttaaaatttc ccctttaaaa 1380
 ttccactttt gggcctgggt ttaatctgtg catgaa 1416

<210> 5121
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5121
 gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcgatggg gacctcttct 60
 gtgcccgtctg cttccggtgg gtgcagggtg aatgttctgt gcgagagctc aagggctgcc 120
 tggatccctg acttgtatcc ctttgttcca cagagagggc catgatgcct ttgagcttaa 180
 agagcaccag acatctgcct actctcctcc acgtgcaggc caagagcact gaagacaccc 240
 tggtcctccc ggaagggcag tcccacaggc agcggcacc ctttctgggc cccgccacag 300

<210> 5122
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5122
 gtcttgtcc agcctccaag acccacaagt cccttctctt gggaagcccc cctggcctgg 60
 aggtgcacca ggaagaagtgt gtctggggct ggcactaagc catggcccag ggaagactgg 120
 gggaccact aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180
 cagcccagg cggagaacac cgaacaccca gtgaaggtga ggggatcagc acggcgcggc 240
 caccacgca cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 5123
 <211> 634
 <212> DNA
 <213> Homo sapiens

<400> 5123
 caagagagag tgatagaatt ggcagtgaat taccgaacc accctcctgc cctctgggtt 60
 cacaatacgt gtacacttga ctgtgaagtgt gctgtgagag tgggtggaga gttcttcttt 120
 gacctcagc ctgcggatgc ctctagaaac ctctgttga ttgcaggagg agtcggaatt 180
 aacctctgc tttccatcct gcggcacgca gcagcatctc ctgagagagc aggcaaacaa 240
 aagaaatgga tatgagatag gaacaataaa actattctac agtgcaaaaa ataccagcga 300
 actcctgttt aagaaaaata tccttgattt agtaaataaa tttcctgaga agattgcatg 360
 cagtttgcac gttacaaaac agactacaca aatcaatgag gaactcaagc catacatcac 420
 ggaaggaaga ataacggaga aggagataag agatcatatt tcaaaagaga ctttgttcta 480
 tatttgtggc ccacctccaa tgacagactt tttctccaag caactggaaa acaacctatg 540
 acccaaagaa cacatttgct ttgagaagtgt gtggtaggag gcagacaaaag gcagaaaaaa 600
 taaagaggtg agatctactc aggaaaaaaa aaaa 634

<210> 5124
 <211> 672
 <212> DNA
 <213> Homo sapiens

<400> 5124
 ggccaaagag gtgctacatg cattgaaaga aaaggttact tcactacctg acaaccataa 60
 aaatgccctt gctgctaaca tagatgaaat tgtattttaca tcaacaggag acatctccat 120
 ttactatgat gagaaaggaa ggaagtttgt taacatcctg atgtgctttt ggtatctaac 180
 cagtgccamc atccccagtg aaactttaag aggagccrgt gtattccagg ttaagttggg 240
 gaatcagaat gtggaaacta aacaacttct tagtgcaagc tatgagtttc agagggagtt 300
 cacacaagga gtaaagcctg actggaccat tgcacggatt gaacactcaa aattattaga 360
 ataattttct tggaaaaatc agcttatgga ctttagcagt tgctgtgaaa aactaaggaa 420
 gaaaaatttt ggggtcattt gatcttcact taatctaagt ctgtgaatta cttttatatt 480
 attttgaaat actccttgca gtatattggc atgatacagt aaaagcattt tccacagatt 540
 gttatcacct tctttaaaag aagtcaaaat ttaaaaaata caatagcacg ttgttggtgt 600
 catattcaat aacatttcca atgctacata taattttata gacataataa agaaggtatt 660
 gaaaaaacta aa 672

<210> 5125
 <211> 738
 <212> DNA
 <213> Homo sapiens

<400> 5125
 catttgtaaa gctgcaggga aagaggttcc acttcccagc aaccccatcc taatggctta 60
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacatt gtgctgcctt tctcttatgt cccagacatt cttaaactct 180
 ttaacgaatt cattcagctg ggctctgatg ttgaacttat atgccggtgc ctcttcttcc 240
 tccttaggat tcaactttgga cagatcacta gcaatcaaat gcttgtgccg gtgatagaaa 300
 aattaaggga aacaaytatt tcaaaagtca gccaaagtcc ggatgttatc ggcttcaata 360
 tggctggtct tgattatctc aagaggggaat gcgaggcaaa aagtgaagtt atgttttttg 420
 ctgatgctac tagccacttg gaagagaaga agaggaagag gaaaaagagg gagaagttga 480
 ttctaacgtt gacttagaac tgaaatgtgg tatctttttt tttttcaaca tttttccttt 540
 aaaggactcc taaactaagc acagaagagt tggcgctcatc ttaaaaatac caagtaacag 600
 aagatcgcat tgcagatgat atcaggatgt ggtttccagc tttgcctgag ggaattccaa 660
 catgagatta tgggctggct ccatttcttg gacttaaaat gcattattag tttaaaaatc 720
 tttctgtgct ctcaaagc 738

<210> 5126
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<400> 5126
 gcaactgttt agctcttgcc aaacctcctt cgccctgtgc gccagggtaca agcagtcagt 60
 tctcggcagg ggccgaccgg gcaacttccc cccttgtgtc cctctaccct gctttggagt 120
 gccgggccct cattcagcag atgtccccct ctgccttttg tctgaatgac tgggatgatg 180
 atgagatcct agcttcgggt ctggcagtggt cccaacagga atacctagac agtatgaaga 240
 aaaacaaagt gcacagagac ccgccccag acaagagttg atggagaccc agggattgga 300
 caccatctcc caaccccagg gactcgggca aggggtgccg agatagacaa gaggcacaca 360
 gagacagacc aactggcagc caggcagccc cagaggagag agacattcag acagaggaaa 420
 gtctccctgc ccctcattcc ttccaagatg agaaaaactt gccgccaccc cccgacactg 480
 atgccaggga ggtgggagga agaagtggga aatttccctt cccagtaccc ccaagaacgt 540
 ctgagccttc aatgttgaat tttttcttta ttaaaattac ttttatctta taaaatcaac 600
 taatcaaaaa tgatatagac gacagcactg gctctgtgaa ggtggcatct ttctgggcag 660
 gcaggccatg gggcatggag gaggggtgcaa agatatgggt tgctgtcttc tggcctccag 720
 ctgcatggag gccggcccag ggtctagggg gtgcactggg caagggcagg gcggcagggtg 780
 tcaggccggc ttggacaatg aaacctgac ctgtctgcat tccttttgct tccaccacca 840
 ctagcttctt tggaaatctg ggggtggggg catctttggg gattatggct gccaccggg 900
 atttgagtgt agggagtgtg ggagcagcct tggcagatkg gcacccgtgc cctgcagggtg 960
 ttgacaagat ccgccatctg taatgtcctt ggcacaataa aaccaaatgt cagtttccct 1020
 gagccccgac tctgttctgt gtggggcagg ggttgggcgg gcctctgggc agaggatgca 1080
 atggcacgga ccttggcttg acctcagagg tgtgaatgct ctccagcagg gtctgtctgg 1140
 gggcctggag tttgtatttg atttgctgct tattaacct ccttctggac ctattgccac 1200
 tgg 1203

<210> 5127
 <211> 669
 <212> DNA
 <213> Homo sapiens

<400> 5127
 aattactgga acccgaggagg cggagggtgc acagtgagcc aagattgcac cactgcactc 60
 caggctgggc aacagagtgt gactccgtct caaaaaaaca aaaacaaaaa saacttcksc 120

```

ctmckmsrca gactcctccc ctgggtcacca ctagtgatcc accttatgga tctcccaagg 180
ccacctctgc ctctgctctg tgttggtatta tttggggggac ctgtgggtctg gcatgcattg 240
tacttggtks cccaaagggc tgtggcatct gataagtgat ttatcctcag gcacagattt 300
gcactatgtc acccacttac ttgtatgtag aagtgaagtca cgggctggca aatgggcata 360
gctgctgggc agtggatgca gctccatgca tgttattctc atttgatata ggatctcatt 420
ggcttctcac agcaatcctg tgcactatag gtattgctcc cgggaacaga tgaggaaaca 480
ggagagtgcg agattacagt aattttgtaa atgggaggat ttgtgaagggt ttcagacata 540
caccctctct catatgtcaa ggatatgaag tctaataaat cccctaaagc agcagggggt 600
ggcaagcttg tgccctgggg ccaaatcagc ctactgcctg tttttgtaaa taaagtttta 660
ttggaacac 669

```

<210> 5128

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = A,T,C or G

<400> 5128

```

ggtgccatgg agttcaccat ctgcaagtca gatatcgta caagagatga gttcctcaga 60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
atcgcccctg ccaacattga agctgtggcc gccaaagaaca agcactgcct gctggaggct 180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240
cgggtgtgtg agaagaacat caagagggtc agaaagctgc tgccccggcc tgagacggag 300
gaggagtacc tgcgcgtgtg ccggctgaag gagaaaggagc tggaggccct gccgtgcctg 360
tacgcsacgg tggaacctga catgtggggc agcgtagagg agctgctccg cgtnntataa 420
ggacaagatc ggtgagnagc agcgcaagac catctnngta gacgaggacc agcttt 476

```

<210> 5129

<211> 340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 5129

```

aatcccacaa agcctagcac caaacttctt tttttcttcc tttaattaga tcataaataa 60
atgatcctgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcaactcttct 120
rtrcamwarc ymkagactrk tswcwmwcag atgggtgctc agggacaagg tgcccttccaa 180
tggaatatgc aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt 240
aattatgctg ttatgtaaat gattgggttg taacattcct taagtgaat ttgtgtagaa 300
cttaatatatac aggattatng aaanaatatt ttgtggtata 340

```

<210> 5130

<211> 610

<212> DNA

<213> Homo sapiens

<400> 5130

```

gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata 60

```

tagtttatgg	caggggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gaccctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tcctcagywc	cagggcctrs	300
ytcttgagg	aattgggtta	aaattcaaaa	taaccttcta	aaaaattctt	tcagaaacga	360
gtagtgaaa	ccagtggatc	aaattcagtg	atagttaaca	gagaaacagc	agcatagata	420
agtaagccaa	tttaatgtag	ggagcaacca	ctagtgtaca	tgatctcagc	tcactctggta	480
ctaccaagta	aaaatgaacc	tgggccagcc	acagtgtactc	atgcctgtac	tctcagcgct	540
ttgggaggcc	aagggtgggag	gattgtttga	ggccaggaat	ttgagaccat	cctgggtcaac	600
atagcaagac						610

<210> 5131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5131

ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

<210> 5132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5132

gcatectctg	atggcactgt	aaagatctgg	aatatgaaga	ccacagaatg	ttcaaatacc	60
tttaaataccc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gattctactt	120
cctaaaaaac	ctgagcactt	tgtgggtgtgc	aacagatcaa	acacggtggg	catcatgaac	180
atgcaggggg	agattgtcag	aagcttcagt	tctggtaaaa	gagaagggtg	ggactttgtt	240
tgctgtgccc	tctctccccg	tgggtgaatgg	atctactgtg	tagggggagga	ctttgtgctc	300

<210> 5133

<211> 757

<212> DNA

<213> Homo sapiens

<400> 5133

gctgccacca	cccccgggcc	cagcctgtct	gaaagttcag	ggtttaggcc	gagaaacccg	60
gtggggaggg	gtggggagcc	ggagctctgt	ggcggggctg	gagggctggg	gtgcacttta	120
gtttggggcg	ggacgggagc	cgccgttgtg	actggcggtg	tctggctgct	gctcccgaac	180
ggaggggtcg	gggttggtct	gctgggccct	cagagcccag	tgggtggctc	tgactcggct	240
ccctactccc	tgcacccagc	tgggcgcagc	cttggggcct	gcggtctgaa	tgtatccctc	300
ccctcagttt	taacctgagc	tgccgaacgc	acagtgggcc	gggggcgagg	ctgggggaag	360
cggggcccaa	ttacggatcc	cgggagttac	aggtgccgac	gtgatgtcgc	ttctctggtg	420
cccagctccc	ttcttggtct	gagactagct	ctgggggtgg	cgggggcccc	cacacgctyg	480
ctcccgtccc	accctgcccg	tgctgctgct	ctgtgcctgc	tgtcagagcc	ctgggtggggg	540
aggatgtggc	caccctgaga	cccggaggag	acgggcgtct	gcctggggtt	gcggagagcc	600
gcttatgggt	gtggtccgtc	cagacacctt	gtttcaaggg	ggatgggcgt	gagcgggcaa	660
gcagagcatc	cccaccgctg	agcaagaact	ttttcttggt	tttaaaccat	cacgtcctca	720
tttcacattg	gaataaagtg	agtttttgaa	acctgccc			757

<210> 5134

<211> 1316
 <212> DNA
 <213> Homo sapiens

<400> 5134

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgar	atagctacag	ttctataggt	120
taattttaag	cctccttttt	ctactcattt	ttgaaascaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaagccta	cagctcactg	tttttggtgc	tctggaaatg	240
ttgagggtgg	gtttttaacc	agtgattttt	aacgtgcagt	gaatttggtt	gactttttaa	300
caccagctaa	ggtagtcaaa	cttgatcccc	attaaaaatc	aaggaattag	gggtcggggg	360
agggtttagg	agtgatccag	aatgacctcc	cagaattact	gtgcgtacaa	ctttattttt	420
cagagttttc	attggaatgg	taagagtttt	atgaaagaca	gtttttaaac	ttattctgag	480
ttaaataatta	atacttttaa	aaattattgt	actagactta	tcgcagcctt	ttgaaagtag	540
cagagtttca	tcataccaca	tatataacag	agcataaatt	ttctataatc	aggcaccttt	600
tgctgctttt	gagtaagact	gttttcctgt	ttaagtgtta	agcatcgcca	gacataaaaa	660
tctattctct	cctctcgatt	gtagcatagc	ctgacagctc	tagatacagc	atctctatga	720
tgaaaaatga	gtatccatca	ggaaatctag	aagactagcc	gtgttttctc	agactccacc	780
tttgtttgca	ctctgttgcc	tgtgaggagc	tttctggcat	gtgattatct	acttcaaaac	840
tagagttcca	agcacctaca	ttaattatct	tataattgtg	gcagaatagt	atatctttta	900
atgtcagata	tgatacactg	cacatattgc	ttttgcactc	ttaaaatttt	tgtactaaat	960
aatagaaaat	atcttatatt	tttgagtgtg	agctttgaat	agatggcatt	atcactttat	1020
tgtttttttt	ttaacaaaaa	ctttttctca	attattctat	tgcaatgtta	ttctgagcaa	1080
gtcctatgcc	aaatatcttg	tataatgttt	gtatggaaga	ttaaatttta	ctcttggtgtg	1140
gtaagactat	ttcagttact	gatttttatag	ttggaatttg	atattccagc	acaaagtcca	1200
cagtgtattc	agaaatccaa	gttggtgtca	tacatttcat	tttgatgtga	acttttcttt	1260
gctttccttt	gttctaagac	tccatttttg	aataaacgtt	ttgacagtaa	aaaaaa	1316

<210> 5135
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 5135

aacgcttcaa	ttgttttgta	gaaattttta	taggaacttc	aagaagtaaa	cctttataac	60
attgtaaatt	cttacgtaca	gcatacacia	agacaaggaa	tmetgtcata	tccttttagc	120
aaaatgakat	tgccataggt	cttggttgcaa	aataccacat	aatgaaatcc	ttcctgttgc	180
atgattaact	gggtgagaat	atcatctttc	cttttggtcc	gtagaaatgt	attattcact	240
actccattct	tgaggtttgt	tttttaattt	ttttggagac	agtctcactc	tggtgccag	300
tctggagtgc	agtgggtgcg	tctcagacgt	ctcactgcaa	cctctgtctc	ccaggctcaa	360
gtgattctcg	tgccctca					377

<210> 5136
 <211> 550
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 5136

gaagacacca	gtgggtggaat	cgagtgtttg	gccacagttc	gggacctatg	gtagaaaaat	60
actcagtagc	taccagatt	gtaatgggtg	gcgttactgg	ctgggtgtgca	ggattttctgt	120
tccagaaagt	tggaaaactt	gcagcaactg	magtaggtgg	tggctttctt	cttcttcaga	180

ttgctagtc	ca tagtggctat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240	
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300	
ttgaagaagc	aatagaat	ttt atcaagcaga	acattgtgat	atccagtgga	tttgtgggag	360	
gctttttgct	cggacctgca	tcttaaggnc	atgaatat	tc	cccataacg	gattcaacta	420
tgagaagaga	agtggcagca	ataaggcagt	ctctcaaaa	ag	tcatactgcc	agagtctcta	480
gggcaaggng	aaacanc	tag ctgggcaata	ctcaattcac	aacttagcat	tttgccatct	540	
tgaagcttgg						550	

<210> 5137

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (447)

<223> n = A,T,C or G

<400> 5137

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccgggttct	60
ctgccattcc	ttctgcaatt	acatggggtt	cccagctgtt	tgcgcggcct	tggagcaccc	120
acagaggcgg	cccctgctgg	caggctatgc	cctgggtgtg	ggactcttcc	tgcttctgct	180
ccagcccctc	acggacccca	agctctacgg	cagccttccc	ctttgtgtgc	ttttggagcg	240
ggcagggggac	tcagaggctc	ccctgtgctc	ctgacctatg	ytccctgggat	acgctatgaa	300
ctntgaccng	ctccccancc	ctccccacca	aggggttact	gcaggggaag	ggctagggtg	360
gggtccccga	gatcttaggg	aatttttttta	gggggatttt	aagccagagn	tagtttgcgt	420
tcccagggac	caaggagaaa	gaagcat				447

<210> 5138

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (555)

<223> n = A,T,C or G

<400> 5138

cgacagctct	ccaatactca	ggttaatgct	gaaaaatcat	ccaagacagt	tattgcaaga	60
gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcat	120
gtagctacag	gacat	ttttta agggcccagg	atcg	ttttttt cccaggtgca	agcagaagag	180
aaaatgttgt	atatgtcttt	tacccggcac	attccccttg	cctaaataca	agggtggag	240
tctgcacggg	acctattaga	gtattttcca	caatgatgat	gatttcagca	gggatgacgt	300
catcatcaca	ttcagggcta	ttttttcccc	cacaaaccca	agggcagggg	ccactcttag	360
ctaaatccct	ccccgtgact	gcaatagaac	cctctgggga	gctcaggaaa	gggggtgtgc	420
tgagttctat	aatataagct	gccatatatt	ttgtagacaa	gtatggctcc	tcccatatct	480
ccctcttccc	taggagagga	gtgtgaaagc	aaggagctt	ngataagaca	ccccctcaaa	540
cccatccct	ctcca					555

<210> 5139

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5139

gctacgtggg	aggctgaggg	rgragaatct	ctksmrcekm	rgaggmrgag	gttgcaagtga	60
gccaaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaaagtcca	120
catcttcatg	aaccttcaga	ctctggagtt	gggtgtcggc	tttttttagcc	agcttttgtk	180
ssrwtttsyk	wkracctatt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga	240
gactggatat	ccccgagaa	tggcttgggt	taccagctat	ggacccttgg	aagatgaatc	300
taatecttct	cactggtttt	tctttgcaaa	ttcatttgct	tttatttttc	taataacaat	360
aaactctatt	ttccatgttc	tcagggccccc	tgggtagaca	gacacagctt	gatttcagag	420
cagacatagg	cgaagaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat	480
atacacatcc	aaatttgaag	agaaaatgta	tttcttttagg	tttcaaacac	tgtaatagat	540
ataaagcaaa	aataaaaaacc	tgttgcaaa	ttaaaa			576

<210> 5140

<211> 631

<212> DNA

<213> Homo sapiens

<400> 5140

agtaccacaga	gttgcgagga	gtttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggaatgaaga	aaggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaaggga	gaagctgatg	300
catttgttca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaaag	360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tcactgaaca	gggagacgct	420
ccaaggactc	tctgtgtggc	tggggtcctg	actatagacc	caccatattg	tccagaaaat	480
tgcagcagct	ctaattgagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt	540
acagcttccc	aatgagaggc	caggaagtgt	gaacatactg	atagaaaaag	actatatttt	600
atccctcata	aaatgtttta	aawrtaaaaa	t			631

<210> 5141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5141

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 5142

<211> 699

<212> DNA

<213> Homo sapiens

<400> 5142

gtttcactgt	gcggtgcagt	gcggcggcag	ctcgtgagga	ggaccctgtac	atkgacacca	60
ccctgaaggg	ttgccacact	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cacttttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggc	ttctttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwcc	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatatktgw	300
rtaykatcty	wccagtgcag	ctgtacaaa	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaac	ccagagctgc	attcaccttc	tcagtgaagg	tcactctgta	gtgcgagctg	420
scctgatgga	tgccagtcag	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaaagctg	tgggcacctt	ggggactgtt	acagcaggct	tgactcccag	cattctcatc	540

tcaccttgcc	atactataag	atgtctggtt	tgtctatggc	tgaagttctg	gcccgcacgg	600
actggacagt	agaggatgga	ttacagaaat	acgagagagg	attaaatctt	ttacattaaa	660
tccattccac	tttatggaaa	acctgggatg	taaggaatt			699

<210> 5143

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (423)

<223> n = A,T,C or G

<400> 5143

caggtagtgg	cccctgtaag	cagggccaga	gtcgggacaa	agagcaggag	tgaagcagcc	60
aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	ggaagaagcc	120
ggggggcaag	gctggcatgg	gaatgaacac	ctgctggtga	cacctctctg	agcttcagtt	180
cccttaacta	gaaaaataga	acaggcccgg	tgcggtggct	catacctgta	atcccagcac	240
tttagrkatg	rytgmrrcrr	ktrswtcwts	agrtcaggms	wtccwwracc	ayymwrrccg	300
acattggggg	atttagcaatg	ttttgttact	tgggcatttt	caagaggcag	acatagtcca	360
gaagcagaag	nttgggcagg	tcccagatct	tgttctatag	ccctttatcc	tgaagctcgt	420
gcc						423

<210> 5144

<211> 366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (366)

<223> n = A,T,C or G

<400> 5144

gctccttctt	actctagtat	ctctgccttt	ggtcagtcag	agagcatttg	atgagtacca	60
tgctgggctg	gaccccatcc	tggtgcctt	ggaagataga	gacaggtcac	cttgatccct	120
gctgtagca	tttgggctgg	ctgagatggt	ggargtgtga	acagaatatt	ccagtccagt	180
gtcctctgtg	gtagggatgg	ggatggaccc	sggagaggcc	ctcctgttcc	tggcaggagg	240
tgggactcag	agttaaaagt	gagggtcaagr	cccagtgcca	tggctcacam	ctgcagtcct	300
agcacttcgc	gganttnagg	tggatcacca	gaaccnngta	gttcaagacc	agccttggan	360
aaanat						366

<210> 5145

<211> 952

<212> DNA

<213> Homo sapiens

<400> 5145

ggttctacca	gtgcctacac	caagagtggc	tactgtgtca	acagggtttc	ttcacttctg	60
ccaggaggca	acaggcgaaa	ctcaacagca	aaagactaca	ccattctaga	ttgcatttac	120
aatgaggtaa	accagacctt	ctacgttctg	gatgtgatgt	gctggcgggg	acaccctttt	180
tatgattgcc	agactgattt	ccgattctac	tggatgcatt	caaagttacc	agaagaagaa	240
ggactgggag	agaaaaccaa	gcttaatcct	tttaaatttg	tggggctaaa	gaacttcctt	300
tgcactcccg	aaagcctgtg	tgatgtgcta	tctatggatt	tcccttttga	ggtagatgga	360
cttctcttct	accacaaaca	gaccactac	agccccggaa	gcactccctt	ggtgggctgg	420

ctgcgcccta	catggtgtca	gatgtccttg	gtgtagctgt	gccggctggc	cgctgaccac	480
caagccagac	tatgctgggc	accactccag	cagattatgg	agcacaagaa	gagccagaag	540
gaaggcatga	aggagaaact	cacacacaag	gcctctgaga	atgggcacta	tgaattggag	600
cacctgtcta	ctcccaagtt	gaagggttct	tcccatagcc	cagaccacc	tggtatgcctc	660
atggagaatt	aaagagagaa	gmctccttaa	ggagccacag	gatggtacct	ggccccaaaa	720
ggaatccttg	agaggaggac	agtgacaaca	ggtgacttya	ttcttttagag	tgaactttcc	780
aaacccagtc	cagctggaaa	cagcttatct	ataatctgaa	atgctggctc	aaacagttat	840
ggggagggttc	ccagattgcg	tagcattcag	attgatattga	gcagctccta	ctgtgataag	900
tgtatcccag	atccacaatg	taaatatatg	tgattttgtaa	gaaaaaaaaa	aa	952

<210> 5146

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 5146

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
agaagccggg	gggcaaggct	ggcatgggaa	tgaacacctg	ctggtgacac	ctctctgagc	180
ttcagttccc	ttaactagaa	aaatagaaca	ggcccgggtc	ggtggctcat	acctgtaatc	240
ccagcacttt	agrkatgryt	gmrrcrrktr	swtcwtsagr	tcaggmswtc	mwkaccaccm	300
tkraaaccgc	attgggggtat	tagcaatgtt	ttgttacttg	ggcattttca	agaggcagac	360
atagtccaga	agcagaagnt	tgggcaggtc	ccagatcttg	ttctatagcc	ctttatcctg	420
aagctcgtgc	c					431

<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 5147

tgaaaagggt	aaacctgttt	cacctcccaa	atztatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagttcatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
maktckgmy	kakkcctagt	tcaggcttac	tatctagaac	ctcatgctag	cttaggttgc	240
atgtttacat	tgctgcagtg	tctttactgg	aagcttagtt	ggatcgaaat	ggacaccgag	300
atggagatgc	ttctggctac	atcttcgcaga	accccaggag	acctgcattt	agaccactct	360
gtccatttgt	gtgcccaccc	ccacccccag	ggtctaagtg	tagactccaa	gaggagcagc	420
ccagagcttg	gaggagaggt	gtgtctgggg	saccactggt	gggtgggtgct	gctcttcttt	480
ttgttttagt	taatgcggtg	tcttttaaat	gactctcagg	cctcccagac	agccttggtc	540
ctttaaggca	gaagctcttc	ttcatttgtt	accycctggg	attcatgagg	tgtgagattt	600
ggcctgcttg	actttgaatt	caagtttttc	aagtgactct	cagtgtcaga	agaagatttc	660
atgctgtcca	catgtggtat	gtccacagct	caccttcaaa	ggcttagatg	tagccatcac	720
agagagtggg	attttattaa	gaacccaagt	cccagcctga	ccaacatggw	gaaaccccat	780
ctctactaaa	aatamaaaat	tagccggggc	tattggcggtg	cgctgtaat	cccagctact	840
caagaggctg	aggcaggaga	atcgccctgaa	cccagaggcg	gaggtttagt	tgagccgaaa	900
tcacaccatt	gcactccagc	ttgggcaaca	atagcgaacc	tccatctcaa	attaaaaaaaa	960
aaatgcctac	acgctcttta	aaatgcaagg	ctttctctta	aattagccta	actgaactgc	1020
gttggggagc	tgcttcaact	ttggaatata	tgtttgccaa	tctccttggt	ttctaataa	1080
taaatgtttt	tataactttt	t				1101

<210> 5148
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 5148

ggaagaggga	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaagg	gatgtttctg	ccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggttcctca	tcgacggcgt	ggagtgcagc	300
gacgtcaagt	tcttccagct	ggcgcgcag	tgggttcctcg	cacgtgaagc	acttccccat	360
ctgcatcttc	ggacactcca	aggccacctt	ctaggcccca	cccaccaggg	gggcccacct	420
ccttgcccca	ttgntgtgag	ggggcccagc	ttgcattttc	ttgtttaaac	attttcagtt	480
ttaattacag	aggacagacg	tttnaaaaca	caaag			515

<210> 5149
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 5149

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
kcaaacgtaa	grtgraagct	atkggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttgGCCa	tctatacacc	attcttacca	300
cacaattgac	aatgatgaa	ctttctgaga	aggTgaaaaa	ctatagcaac	ctccttgctt	360
tctgtaggag	aattgaacag	cactatTTtG	aagatcgtgg	taaaggcagg	ctgtcataga	420
gttatgtgtt	agtctcagga	gtcttaactt	ttgaaatatg	ttttacttga	atgttacatt	480
agatattggg	gtcagaattt	taaaacccaa	ttactgcttt	ttgaaacctc	aaattatata	540
atgtatctta	tgtatgtgct	ttatattgtt	atTTgtgtat	acattaaaaat	aattctgaat	600
tattttaatct	gatatgttgt	attctgtatc	ttgaaatttt	tgtttccttg	aaacatgcat	660
gcattttaaaa	ataaagctta	aacaactgta	tggatgttaa	aaaaaaaaan		710

<210> 5150
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5150

atttagtgag	atttgtattc	taggaagtgt	gtgccgtcac	ttgttcattt	acaactgcaa	60
agattgtatg	tctcctatgt	tttcctttca	tgccaaagaa	actcaccctt	tttaaaagcc	120
agcaggttgc	acaaacccaa	aacaaaatat	tttgcccctt	aaataggcat	tttaagaagt	180
tttatttcct	ggtactttaa	tattgtgtag	agggaaagct	agttgtaata	atttgtaaaa	240
atgcgtgtat	ttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300
actgtgctgc	attaaaatcc	acagttgcat	gaaactttta	aaagtttaag	atataaagta	360
attgctaata	tttgtgaact	actcagagga	ctcaatgccc	taacatgtag	gggattgatc	420
attgcatgtg	ttaggccagg	atttctcatg	attgtatatg	gttattgatc	atttttaagg	480
ggctgaacct	gctgccttta	tacttttgac	acctccctcc	ctccncccw	ccaaactgtg	540
gctgtaaaaa	gtgactctgc	atagtcagcg	ttataactga	tttctttgtg	aatgcaaata	600
aaataaaatt	tgtaagtcca	ccaaatatgt	acttaactag	gtaaatgt		648

<210> 5151

<211> 906

<212> DNA

<213> Homo sapiens

<400> 5151

gtacttttgag	tgtttggggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatacaga	attaccttaa	aaggaggctt	tatgttttca	actacagata	120
gttgwaaggg	atcataccag	aagatattga	tgatagtkga	aatattctta	gaaggggtgt	180
gtatgtccta	gctgtgtctt	accatgtgta	tgtattcttg	acaagcagta	taaaatacct	240
gtgatttttc	tttacattag	ggataatgca	taaggaatta	atcttcatat	atattatcat	300
ccctaagtga	gcagggggaa	gtattttaatt	gcccattgata	tgtattttac	ttatactatg	360
ccrgagrnga	aactataaag	taattacmca	tgtaattctt	ggtttttcac	atatgtaggt	420
attcattttg	agtaggttga	agaagaaaaa	aaatatttta	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaaa	taataaaggg	tagggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattgggtac	600
ctgttgtctt	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggtttagcaat	660
agcaaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	ttttcagatg	aggaagtaag	780
ggtttagcaa	ggtttaagaga	tctatccaat	ttacacagca	agttagtagt	tgagcctgac	840
catgagtctt	ctgactctgt	tcttttctct	atgcaatacg	caaacaataa	aatgtttatac	900
aaatgg						906

<210> 5152

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (677)

<223> n = A,T,C or G

<400> 5152

caaagccgtc	ccttcaaate	cgtcttttgt	cccactgcca	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	accctccag	tccgggatcc	ccactctcgt	ggtagsctcc	180
cycaracsca	gccccacat	ggctcttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccccct	cctccccctc	asccgtgggt	gtggagatgg	gggtccaagcc	tgccctcacg	300
ggggagcccc	ccctcacgtg	catcancagg	ggcagtgagg	cccggttcca	ctccgcggcc	360
agctccctca	ttatggaaga	caaagaaate	cccatcaaga	gtgagcctct	gcaaaaaccg	420
cccgcactct	ccccaccatc	catcctgggt	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaaaa	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600

gggccagaga tgacatctat ttgccaccga gtgctgcact cggcaagaga agactcgaga 660
agtagctctg caaggca 677

<210> 5153

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (301)

<223> n = A,T,C or G

<400> 5153

ggcagtgtg cgcgggggtc ccagccctgc tgggaaggac caggggaacca ctcagcaatt 60
agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgc gcgkcgacc 120
tggcagtgc tgaaacccag gcctycagcc ctccaaagcc tggggccacc cctgtagca 180
ggcgatgcta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240
ggggccatgg gatctctgtc tcccacaccc ctgtcacggn ccgcttggan cancccatag 300
g 301

<210> 5154

<211> 427

<212> DNA

<213> Homo sapiens

<400> 5154

gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
acagatggac tgataacata ttcgcaataa aatctygsy cramagaaaa tttgggtttg 120
aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
atattccatg gtggtgaagg atgtacaagc ttgtgaatat gttaaatttta aactattatc 240
taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaatgtta 300
aataaagtgt aaaatgcaga tgttcttcac cccttttggg agaacaaaag caggatgata 360
accatatccc ccagtgctc atcaaagtag gacactaaaa atccatccat ctcagtcaaa 420
gtcgagc 427

<210> 5155

<211> 775

<212> DNA

<213> Homo sapiens

<400> 5155

cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60
gttttcaatc tatgttcttg cctcttcata cttttattta ttttttgtca tcctgcctta 120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180
atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt 240
ttacttagcg tgttatgacc ttctcacc atactaccaa atttaaattg gtcccgactt 300
caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360
aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420
tgggtgtttt gtatttccac ctcccccca gcacatagcc cagtctcttg cacaaattaa 480
gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540
ccttggttgt ataagctggg tgtttgtttt gttacctttg caaatattta tgattatcac 600
ccccccat actaaattgt ttttaaaagt tttgcctttc cttcagatac taccacaggc 660
aatttgctgt agataatgtg attgcttcca atgacataat tateccaaac tctctgcccc 720
ggatatactt tgccaaacga aatttgaatt ctctgaataa attggtcatg tctaa 775

<210> 5156
 <211> 713
 <212> DNA
 <213> Homo sapiens

<400> 5156
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctgggggaa agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggaaacaagg 300
 gtgtgaaatg aaaatatttt aggatattat caaaracaga ctattctgtt ttcagcttca 360
 gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420
 agaagaagga ggcggaatc tctcaggagg aattatttcc tttcttttct atttcagata 480
 cctggagggg tggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540
 acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttcgctt 600
 tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660
 tcctgtcgag atctaattgg cttaatcgtg ccgtaaatgg aattcccca cca 713

<210> 5157
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 5157
 agcagctgca tctagggggc cttggtgaga tttacactca gagcctggtc gcccccggtt 60
 agcccagatt caaaaggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aagggagcag aacttggtggc 300
 agcaacagggt aaacttcaan aaggagggca ggatcccacc ctacagggct gggangganc 360
 ccaaaggccc catctgtttc tcctccagga gttgtcaagg cagcagaaag gantcaccca 420
 gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgtg 480
 ctaaacccctc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan 529

<210> 5158
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 5158
 ttcattttta aaaagcttct cttattatg ttgttgttta acaactkaaa cgctatctct 60
 agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact 120
 cattcaaaat atataaagaa ctctatttac aaagaaattg acaaacagcc cagtatatca 180
 atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggc 240
 atgagaaaac caaatttttag gatatcacta cacacctggg yrtagtttaa aagactggaa 300

aatattaagt	gtgtggggaa	tgtagagcaa	ctgaaaatgg	cctacatctt	tcataggaaa	360
tggtaaaacc	aatacaawta	ctttggcaaa	actctgtccm	acmttttcta	cccmtttcac	420
ccagggcact	yccttcacctg	gcttttgggt	tnccccggg			459

<210> 5159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5159

ggatgccctg	gggcagaagc	tgccagaag	gccccagcca	gggcctggag	agcagctcac	60
agtcttcag	ttctggagtt	ttgtggaaac	cttggacagc	cccaccatgg	aggcctacgt	120
gactgagacc	gctgaggagg	tgtactgggt	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgctgaag	gccctgagat	tggcgcccga	ggggcgtctg	cgaagggacg	ggctgcgggc	240
cctcagctcc	ctgctcgtcc	atggcaacaa	caaggtcagt	gctgctgtca	gcaccagct	300

<210> 5160

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (540)

<223> n = A,T,C or G

<400> 5160

gtgggaactt	cccctaactc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccct	60
ttttccagtt	ggatttggtt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcctaggagg	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcag	180
agcmwtaact	caatcactca	gcccctccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaacct	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300
accattctt	cttgcctatc	tccatcccc	ttgaggcttc	cacttttttt	tttttttagac	360
ataaagctgg	gcatcagcaa	ctgggcctgt	gggtgatgca	aagctgcttt	gctctgtatc	420
tgggctggga	cttgatctgt	ctcacaagga	aggccatgag	ggncataggg	ggaggaaggc	480
ttccttntcc	cccttcactc	ttctgnttcc	aaaggggtggg	tagggcaagg	aggggagtta	540

<210> 5161

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (683)

<223> n = A,T,C or G

<400> 5161

atacgatggg	gtgcttggtg	gatgggccat	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagtggg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tgttggggct	tcatgaacta	ggatgaaagg	aggccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300
cctggtcgtc	actctgggca	gggatgccgt	cagccttgag	ggtcgccacc	cacctgtgtg	360
ttgccctctg	tcctggcggg	gaaacataca	ccccttgtct	caccaccaac	cttgcttgtg	420
tagtcnrcag	ggctgccctg	ccccaaaggac	tcactgcatg	tacccgacc	cctaggcctg	480

```

gcctttgcag catagttggg agcttctgga ttccatctgc acctgtgagc cccatgctgg 540
ctgtgcaactg cgcgggcctg agactgctgg atacaatgtt gggcaacaac tcagccagcc 600
tgatggcagc ctcagaggct tactctaacc catcccagaa taaatggaga cttcatgtgt 660
tcattgtttc attcactcaa aaa 683

```

<210> 5162

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 5162

```

ctgacctttg tagagaatcg gaccttcgac atgcaatggc caattgtttt gaagcgtaa 60
taggagctgt ttacttgagg ggaagcctgg aggaagccaa gcagttattt ggacgcttgc 120
tctttaatga tccggacctg cgcgaagtct ggctcaatta tcctctccac ccactccaac 180
tacaagagcc aaatactgat cgacaactta ttgaaacttc tccagttcta caaaaactta 240
ctgagtttga agaagcaatt ggagtaattt ttactcatgt tcgacttctg gcaagggcat 300
tcacattgag aactgtggga tttaaccatc tgaccstagg ccacaatcag agaatggaat 360
tcctagggtga ctccataatg caacgtggta gccacagagt acttattcat tcatttccca 420
gatcatcatg aaggacactt aactttgttg cgaacgtcgt ttggtgaatn atagaactcc 480
aggccaagct agcggaggag ctgggcatgc aggagtacgc cataaccaac cgacaagacc 540
aagaggcctg tggggcttcg caccaagacc ttgggcgg 578

```

<210> 5163

<211> 395

<212> DNA

<213> Homo sapiens

<400> 5163

```

cagaaaattca aataattcct ttctgcttca atgccagcag aaggtccccc aggtagacat 60
ggagaagcac tttgttttaa ataggagggg ttcatagttg catctgaagc cacctggttc 120
tgttwawstg ttrtcgtgca ggtwkwgggt ttggcattat tcatgtttct gatcaattct 180
atgcaactct catagttcct gttacttttt agcattagct gccaaatgac ttcaaaaggc 240
tgggggtgggt gacttgactg tgagactgga ttataacatg gacaaatcct attttgctta 300
atgtgtttgt gtgtgtgtgt gtgtgtgtgt gtgtatgtat atatatatat ataaatatct 360
ttcccaatat gcccgttga cagtgtttta attcc 395

```

<210> 5164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5164

```

cagaaaacta gcaggttaca ttttataggc tattgtagtt ttatttacca aatgatattc 60
tctaaatcac ttcgaccaat aaatgtattc tcctccttaa agcagagttg tatcaactct 120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggctctg 180
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat 240
ggcccactgc tcccctcttc ttctcagtgc tctttgccct ctctgctgc gatgttctct 300

```

<210> 5165

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5165

ccttcccacc	ttgtgagttc	tcccagcagt	tcctggattc	ccctgccaag	gcactggcca	60
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttgggttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggtcgtgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggg	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggttatgt	ggagtttaca	300

<210> 5166

<211> 655

<212> DNA

<213> Homo sapiens

<400> 5166

ccattgttag	catcgtacac	gattgtgatt	tttatgtcaa	aagaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacatttgga	tggtcactggg	tsmamgtaga	gcacccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaaagagt	ctgttttaggg	gttaaagtac	240
tgtaactcac	gactgttaaa	aaataaattt	tcctgtgctg	ttaaaggaag	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgcctt	ttttttaagg	360
aggaagcctt	tgttttgttt	tcctgagccc	tcactctggt	tttgtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatggct	gacattgtat	caataactaa	aactgaaaca	480
ttcaaaagcg	aacaggggaaa	ccgagggcct	caagcgtgct	cagagccggt	tcagacagtg	540
gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgctttg	taaaattcac	600
atttcaaaaa	taataaagtc	agttcaaacc	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

<210> 5167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5167

cacctgtgcc	cccaggctca	aggtctctgg	caggtgcaca	ccagcccaac	tctgcagggc	60
ttctytecct	gccaccaccc	cccaagccag	gaccccactc	cttccccgag	gctgagctga	120
gcctttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggagggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcgggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaccc	300

<210> 5168

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5168

ttacttttga	ttgtgtctga	tggaactga	gttgttggcc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattctt	atgaattggt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acactttttt	tcataatata	tattcccagag	tagatatatt	180
taaaatatat	gtttctttca	ttatgtgttt	gtaaaattag	agttttaaata	aatatgcttt	240
gatgcatagt	tttgaactaa	tgtaacatga	tttttctttt	ttaaaacagc	ctgaaaatgt	300
actagtgttt	aaaaataaag	atttccattt	tctccaaaaa	aaaaa		345

<210> 5169

<211> 703

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5169
 cgcgacgggg gttcagggaa tatttactgg gcctctccgc tccctctgct cttggagggtg 60
 ccatgagggtc agttagctac gtgcagcgcg tggcgctgga gttcagcggg agcctcttcc 120
 cgcacgcaat ctgcctcggg gacgttgata acgatacgtt aaatgwacys gtsgygrsag 180
 mcrycagmgc ggaagggtgtc tgtgtataaa aatgatgaca gtcggccatg gctcacctgt 240
 tcttgccagg gtaatgctga cttgcgttgg gggtggagac gtgtgtaata aaggaaagaa 300
 cctgttggtg gcagtgagt ctgaaggctg gtttcatttg tttgacctga cacctgccaa 360
 ggtgttggat gcttctgggc accacgagac actaatcgga gaggagcagn gnccagtctn 420
 caagcagcac atccctgcc aacacanggt catgctgac agcgacatcg atggagatgg 480
 gtgtcgtgag ctggtggtgg gctacacaga ccgtgtggtg cgagctttcc gctgggagga 540
 gctaggtgag ggtcctgaac atctgacagg gcagctgggtg tccctcaaga aatggatgct 600
 ggagggtcan gttnngacagn ctctcagtga ctctggggnc actnggtctt cctgaactga 660
 tgggtgtctca gccaggtngg tgcgttttgc aattctnctg ng 703

<210> 5170
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 5170
 acaaggacaa gaaagaaagt acggttgcaa cggctggctc gcatgcatgc cgacatgatg 60
 gaggatgttg aggaagtata tgccggagac atctgtgcat tgtttggcat tgactgtgct 120
 rgtggagaca cattcacaga caaagccaac agcgcccttt ctatggagtc aattcatgtt 180
 cctgatcctg tcatttcaat agcaatgaag ccttctaaca agaacgatct ggaaaaattt 240
 tcaaaaggta ttggcaggtt tacaagagaa gatccacat ttaaagtata ctttgacact 300
 gagaacaaag agacagttat atctggaatg ggagaattac acctggaaat ctatgctcag 360
 aggctggaaa gagagtatgg ctgtccttgt atcacaggaa agcc 404

<210> 5171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5171
 gttccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
 agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgag 120
 ccgctgggta aggggtgatg ctagcctggc ttattgcacc ttcttttgg cggttggett 180
 gtcgcgaatc ttcattctag cacatttccc tcaccagggt ctggctggcc taataactgc 240
 tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 5172
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 5172

agcatgccct	aaagagggac	cagctgtagt	aggtcagttt	attcaagatg	tcaagaactc	60
aaggtctaca	gattccattc	gtctcttagc	tctactttct	cttggagaag	ttgggcatca	120
tattgactta	agtggacagt	tggaaactaaa	atctgtaata	ctagaagctt	tctcatctcc	180
tagtgaagaa	gtcaaatacag	ctgcatccta	tgcattaggc	agcattagt	tgggcaacct	240
tcttgaatat	ctgccgtttg	tcttgcaaga	aataactagt	caacccaaaa	ggcagtatct	300
tttacttcat	tccttgaagg	aaattattag	ctctgcatca	gtggtgggcc	ttaaaccata	360
tggtgaaaac	atctgggcct	tattactaaa	gcactgtgag	tgtgcagagg	raggraccag	420
gaatgttgtt	gctggaatgt	ctagggaaaa	ctcactctaa	ttgatccagg	aaactcttcc	480
ttccacggst	ttaagggggg	actttgattc	agggttnatt	catnattgnc	ccgaagggtc	540
agtgggttta	cgggctgttg	aaattttnac	aattttcttg	nacctntcc	aca	593

<210> 5173

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (447)

<223> n = A,T,C or G

<400> 5173

gacacattaa	aagagagata	tcaaaaaatt	ggtgacacca	aaaggaatac	tcccattgaa	60
gctctctgtg	agaactttcc	agaggagatg	gcaacctacc	ttcgatatgt	caggcgactg	120
gacttctttg	aaaaacctga	ttatgagtat	ttacggaccc	tcttcacaga	cctctttgaa	180
aagaaaggct	acacctttga	ctatgcctat	gattgggttg	ggagacctat	tcctactcca	240
gtagggtcag	ttcacgtagg	attctgggtc	atctgcaata	actygagaaa	gccacacaca	300
tagggatcgg	ccatcacaac	agcagcctct	tcggaaatca	ggtgggttag	ctcaaccaat	360
gggagagctg	gatgttggat	gatccccacg	ggagccccan	tcccaatggc	accattcac	420
agcttcatgc	ccgagggtgg	aggtagt				447

<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

gggtgcagt	gctcactcct	ataatcccag	catttttgaa	gtcctatgca	ggaggattgc	60
cagaggccag	gaatttgaga	tcagcctggg	caacatagtg	aaactctcat	ctttataaaa	120
agtaatat	aaatttttaa	aagtgtataa	actgtaaagt	atattttact	ggtgttttct	180
tccttattcc	tacttgtcag	atgcaaatac	acatttttgt	gtgtttgtgt	ttagtaatta	240
taagtataca	tatttcattc	ttctatttca	tatatttcta	tgacattata	tcttagatgt	300
gtaatttatg	aactactact	ggattatttt	aatccattag	aaattactat	tcacgcattc	360
tgtattcaat	tcattgtgata	gctaataatat	ttggttttta	atgcatctta	ttttgtgggt	420
ttcttctagg	ctgttttttg	tgctttcttt	taaaaatata	taggttttaa	taatcttaat	480
tttcttttag	tttgaaatgt	atatactcat	tttattcatt	agtctaagat	aagaattgta	540
acacttctct	aacctattat	agaattgtta	atacctttac	ccttctcttg	aacacatcaa	600
aggatgtcat	tgagtgttgg	tattggagta	tagcatatct	attattctgc	tcaattagaa	660
gatattgttc	atgttgtata	gagataataa	gtaattgtat	tgatctgcag	atgcatccat	720
ctcttggatt	ctcattcctt	ctaccactgc	agaactttca	cctgtaatca	ctttcctttg	780
gccttaagga	taacttttag	ggttactttt	ctactaaatt	tccaattttt	gaccagatat	840
aatcttatat	tgtgctcttc	ctgaaaaata	ctattgtttg	ggatagaaat	ctgggttggt	900
agttatttct	tcagcaattt	gacctgttca	ttccactgtg	tccctggcct	cctgtatact	960
ggatgtgaat	ggatacaatt	atatattgtg	tttatagttt	tcctgtgcta	taggaacagt	1020
attccccgaa	tctgatgcaa	aggacaacac	accctagaga	ttgtaacagt	gagatgaacc	1080
aagtgattgg	atgggggttt	gagttgctgg	aataatggag	ttacagtgtg	caatgcataa	1140

gcaacataat aaattatata tctggtgaac

1170

<210> 5175
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 5175
 cgccgcacag ctgctgaatg scttgrryt wgstggyger ttwcmkrms ymgsrctga 60
 agctcagccc tggccaggtc cagaccttc tgctgtgggg agcaggggcc ctggctgtct 120
 actggtgtgt gtctctgtct ctcggttggt tcttgccctt gctggggcgg atcctgtggg 180
 gctgaagct tgtcatcttc ctggccggct tegtggccct gatgaggtcg gtgcccagcc 240
 cttccacccg ggccctgcta ctctggcct tgctgacct ctacgcctg ctgagccggc 300
 t 301

<210> 5176
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 5176
 ctgagatctg cttttactga agtggatcaa tgatgaaact agccaaatct gagcatcaga 60
 agkctttccr gtctacctga tgcattgat ctacagttct gagaagcara actataaaac 120
 aatgtaaaac aataagggca tatgtctggt gtgtgtgtgt gtgtgtgkgt gtgtgtgtgt 180
 gtgtgyacsc acaygtgttt ataaagrtar cagytgtagg aatgaatgag attgrgggtg 240
 rgggggtgcr tatgtatgtc tatgaaagcc taatcatttc tgggcaatga tgwaaagggt 300
 ttackactga tctttgtaac tatgatggtt tctacacttg acctgggct 349

<210> 5177
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5177
 gctgtacgga gagggtctga ccgaggggag ctgggagcag gtactgcctc catcctgagc 60
 tgccgtcctt tgaagggaga acctggggta ggggttcgagg agcctggcra gaactgtgca 120
 cctcctcggg aggagcagcc cctcctctgt ctgctttccc cctcccttca atatgtctggg 180
 gcggagacyc kggcctccaa agtgcaattc cgggacccca aatcccagcg gacgcaccag 240
 gctcagggtg cgttcagggt gtgtgtgtgc cctgggtcct acaccccggt accccttcc 300
 gctgcccttg gagaacctcc tgacctcac ttcagtccag ccgaacttga gtgggtcact 360
 aaggagaagg gggccacact cctctgtgcc ctgctggtac ggggtggaatg aggggtgaga 420
 caccactact acaagcacag tcgggcccgc ggcattggga ctctgagtgg cgactgctcc 480
 acctcattcc cgtgactcgt ggcattgcga ggtgctggar cttggcagcc gcgcaggagc 540
 atgtaggcag gctctcagat gtaggtggca agtggcacag ctccatgtcc ggaggcccag 600
 cactccgtct gatgggagga gycgtgggag ccagctcca ggccctggta cccctcttca 660
 tgcactgatt tggggaacat gactcccttt tactccccta cccacatca cttaatttat 720
 ttcggttttt gtttctggtt actgtgaatc ccagaggagt ctctccctgt gccacatga 780
 agctgctttt tccggggcca ccgggcccga gtggggaagg gtgggcccac ggaagatggg 840
 ggccctctgta cagttgttac tgactctgat ttctaaggag ccaataaaca ccgtctcaga 900
 aaaaaaa 907

<210> 5178
 <211> 865
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (865)
 <223> n = A,T,C or G

<400> 5178
 acttttttaa cgaatggggg aagggatcta tgagaaagggt ggtatctaata ttttttatgg 60
 accataaagg tttaaaagaa aataggggca caggctgttg aggtttttat gttgttatag 120
 accttttttaa attatgttag agatgtatat aggtatttaa aggtcactgg gagcgtttct 180
 gattcccggc cacactttgc atttcaacac tcagcccggga aagatgctcg ttcgggttggt 240
 ggacctcttt cactccctgc gtgtaagaag gtgaatcacg tgggaaaaag tggmtyytya 300
 gtaaaccgggt acagctcatt ctttctgaga aggcccccagg tcctgctccc tcctcggatt 360
 tgattgtctt ccgtgctttg cctcactcgt agtaaatac catccataga atatgtgaat 420
 ctttggtgag cttcagtggg cagagtgaag tcccgcatta gcatttaggt gccctgagct 480
 gtttctgcca atagattaga aagcagccat gagttgacag tcttttagggc ccctgccagt 540
 gtgcaattag tcattgacaa gaacaatgcc atttgagagt gaggtgggtcc ctgctgctac 600
 gaggccattg tactgttttt tccttgaggt caaagcagtg cttcccatag agtttgctgc 660
 ctcttctgtg gacaggaaga aaacttcatt accgaatcag agccttggtg gccactgact 720
 ctctgtctta ttgcagatgc tgtggttggc ctcacaagca acgccttatg ctgatgtgca 780
 gaggtgccag ctgccawttt gccaaactct gcatttcatt tcactctaang gyttargccc 840
 ctcttntctc cgggggttan ccgtg 865

<210> 5179
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5179
 tgcaacatca ctgatatcag catcctttta aatattatct gmywcttggt ctragagcma 60
 saaagctggg aattcyttga yaragtkawk masaatgcmk mcawaatgaa tgcattyasr 120
 ctrytrtggt ttactagaca tcaaagtaaa ggagcagctt ttggaaaatc taatcaaggg 180
 aaggaagatc tatgaacctc cacggtatat gagtgtaaac caagcagccc agcagcttct 240
 ggagattggt caaaatcaaa gaatacagag agaagaacca gcagttaccg aggagacact 300
 ttgtgttggt ttagccaggg ttggagccga cgaccagaaa attgcagcag gcactttaag 360
 gcaaatgtgc actgtggact tgggagaacc attgcattcc ttgatcatca caggaggcag 420
 catacatcca atggagatgg agatgctaag tctgttttcc ataccagaaa atagctcaga 480
 atctcaaagc atcaatggac tttgaacata gatatttacc attgtctgat gtaaatttca 540
 gccatatatg gattgatatg gtttggtatg atccccaccc aagtctcatc ttgaatttta 600
 atcctcataa ttcccaggtg ttgtggtagg taattgaatc atgggggcag tttccctcat 660
 gctattctca tgatagttag ctttcatgag atctgatggt ttataaagt cctggcattt 720
 cccctactgg ctctcattct cactcttgcc gccctgtgaa gaggtgcctt ccaccgtgat 780
 tgtaagttt cctgaggcct tcccagccat ttggaactgt gagtcgaaaa ttaaacctct 840
 ttataatta cccagtctcg ggtatttctt catagcagtg tgagaatgga ttaataacctg 900
 gatgcatgca tgtttgtgta acaaacaggt cttttggctt atctagtaag ta 952

<210> 5180
 <211> 657
 <212> DNA
 <213> Homo sapiens

<400> 5180
 gtatcacctg agcaaattct ttaaattata cattctgtga tatttccttg actttcttat 60
 ccagcacttg tattgattat ttttcatttt gataatgttg ggttttttaa aactccttta 120
 tgatggaaaa tttcaaacat acacaaaagt agagagagaa tggataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcatgt atgactccaa caacttcccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

ctagtatcta	aatctggaag	agactctttt	ctaacagttc	tgtagcatta	attataactca	360
tactgttggtg	caacaaatat	ccagaaatct	tttgtcttgc	gaaactgaac	ctcttaccca	420
ttaaactacta	actccctttt	ttttcacccct	gaaccatkgg	caaccacaat	tttactttct	480
ttttctgtga	gtttgattac	ttgatacttc	atgtgagtg	aatcatataa	tayyytctct	540
tytgtgactg	acattttatt	tagcttaatg	tcttcaagtt	tgaccatac	catatcatgt	600
ggcaggattt	ttcccttttt	ttttttttca	gacggrgytc	gytctgtcgc	cagggtgg	657

<210> 5181

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5181

ctgggagcga	gacggtggcc	cggcccagcc	ccatgggcca	caccggctgg	tgagaacgaga	60
ggatggggca	gcaggggacc	gggacctgcg	ggcagctgtg	gtgaatcagg	acgctgagga	120
gccaggaggc	ctkcctggag	gcggtgctac	gtcgactaca	ggsacagtgt	cggcaggaac	180
tggccaggct	ggtgggagcc	cgccctggtc	tcactctggat	cccgccacct	ggacgctgag	240
ggcctgtcga	cgggccctcg	tgtgggaagc	ctgccctggc	ccagcctggc	tgggtcttgg	300
aggagcagat	tccaaggcag	gtggcgagc	gacgatgcag	atgcagagcc	cacgtcacat	360
gctcgctcca	ggggtggggc	tgggctgact	ctggccggat	cccaggcctg	tggctagcag	420
cactggggac	aggaaatggc	ggtcccttga	ggaggctcgt	acaggctcag	cctggtggtc	480
tggaggggac	tcggaaataa	attgtagcag	ctttcctgcc	gctggccctc	ccccctgccac	540
cctgtcgggt	ttccctgttt	gggggtggga	gcgtggagga	gcccctggca	gttggtggcc	600
agtgtagggc	tggccaggtn	ctggaggaca	tgcatacccc	agcactgggt	agtggcagga	660
ccacggggag	gtggcacagg	cctccctgga	gcnggattat	ctcgcccccg	cccccttca	720
tttgggctcc	cgctgtgggc	ctggcctggg	ctgtgagcac	agcttgcccc	nacctccggc	780
catggctgtg	nctggtgggt	ncgccggatg	ggagcccggg	gctcttgctt	ccttttcccc	840
ggaagttggt	tgcttccggg	tngggaggna	cagcattggn	acaagagggg	ttttntttcc	900
anaggctggt	caagcaaagt	tnaagttgat	tccctgacaa	agaagcatnt	gttttcccg	960
ngaacttgc						969

<210> 5182

<211> 280

<212> DNA

<213> Homo sapiens

<400> 5182

gaggagttaa	atthttgaagc	tctttgagaa	aggtagcttt	tcttaacatg	ttkkwtaaat	60
aaaaatacaa	tggcttattt	aaaatgtccc	tatgcatggt	gaaatgttaa	ataccaagtg	120
gatgaatgg	tctcaaatat	attgtaatgg	agaattattc	acatgcatct	attgtttaaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

<210> 5183

<211> 758

<212> DNA

<213> Homo sapiens

<400> 5183

gccacacggg	cccgcacat	ccctgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
gtcaagtaca	cagagagacg	gcagccgctg	tacagattca	tcaccacgat	ctgtgccatc	120

attggcgggga	ccttcaccgt	cgccggcacc	ctggactcat	gcattcttcac	agcctctgag	180
gcctggaaga	agatccagct	gggcaagatg	cattgacgcc	acacccagcc	taatggccga	240
ggaccctggg	catcgccagc	cttgccctcca	gtgccctgtc	tcctttggcc	ctcaatctgg	300
tcccaaattct	ggctgtgtcc	caaaggggtgt	gtgggaagtgt	gggggaaagt	agaggatggc	360
tcgatgtttt	gcagctaccc	cttttccccg	tgtttctttt	tagacaaatt	acactgcctg	420
aagttgcagt	tcccctttcc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
gtccagggat	cttggggacc	cctcctagga	gagctgcagt	ctcttccctc	aggggaacat	540
cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgcag	ccccactag	600
gtggacacat	taatgatttk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacacccggc	720
accttccacg	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5184

ttccctccct	cctcctttca	ttctcctttct	ctcctttctcc	cttcccttttc	tcctacctcc	60
tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttcctt	cttctctatc	120
aatataatca	ctttgtttct	ttcaggtgag	atcggactgg	aactgttcgg	ctgcgaccag	180
aaattttatt	tcctgagtaa	attgccgaga	attaagaatg	aagagggcc	tttgcatctc	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185

<211> 333

<212> DNA

<213> Homo sapiens

<400> 5185

atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtggtttag	gaaggacag	agccaggact	60
ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaact	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcatgccagt	240
tcaaacatga	atacatggtc	aaccttggtat	cacttaaaact	cytgcasaca	agccctgccc	300
catcctgttg	ttttgaataa	aatccatcat	tgt			333

<210> 5186

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5186

aaaacactat	ttacctat	tccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcaggcgcg	cccccttagc	tcctatgact	120
ggaacccatt	gaaaagggtg	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct	180
catggttatg	atcgccatga	agatggagca	taccataaag	tctccaaagg	atggcacagt	240
aaagaaagtg	ttctacagag	aagggtgctc	ggccaacaga	cacactcctt	tagtcgagtt	300
tgaggaggaa	gaatcagaca	aaaggggaatc	ggaataaact	ccagcaagga	aatggccagt	360
taagtagtgt	cttctctctc	cacccaaaag	aggaagtgcc	tccagctttt	ctgggggtct	420
cataaagagc	agttttacta	aatgattgta	tgtttatgct	gaacaccttt	catattggag	480
aatcatgcat	ttgggtcact	aattatctca	aaatatattca	tactaataaa	gttgaattat	540
tttttattgg	aagcc					555

<210> 5187

<211> 1029

<212> DNA

<213> Homo sapiens

<400> 5187

```

aacaggaata tggaaagaaa ctcagagccg agttagtgga aaagtggaaa gcagagagag      60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa grgatcaaca      120
tctatgcagt caccgaggag gagtcggacg aggaaggcag ccaggagaaa ggaggggacg      180
acagccagca gaagttcatt gctcacgtcc ctgttccttc gcagcaagag attgaggagg      240
cactggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg      300
cccaaagtga agaagccaga aggctcctgg ggtattagga ccagctggg gctctccttg      360
gagttcttcc atccccctag ggtacctcag gacccagggc tkcagacaca ggctgggtgct      420
gcaagggctc ctgccccatt ctcagccttc cttccctctc cttgtctcat gttgaccgga      480
gggtaggggt ctgtccctgg tcttcctggg aggttttgta cacatatttt gctactgtgt      540
ggatccattt atttttattg tggagtgtat acaacagggt gcgaactggc tgctgtgtgc      600
ttattttgac ttgcactgcc attttgaggg gagaagaatc aattagtggc aaacatttaa      660
aaatgcaatt ttttgagac caaagtataa ttttaaaaaa tgcaaatttt ctaaaagaca      720
catctcttga aaaatgagat gatgtggcca ggcgcaagtgc cagcctgta accccagcac      780
tttgggaggc cgaggcgggc gggtcacgag gtcaagagat ggagaccatc ctggccaaca      840
tggtgaaacc ccatgtctac taaaaatata aaaaaattag ctgggcgtac tggcatgcac      900
ctgtagtccc agctgcttgg gaggctgagg caggagaatc acttgaacct gagaggtgga      960
ggttgaagtgc agcaagactc gtgccattgc actccagcct ggcgacagag tgagactctg     1020
tccccccac                                     1029

```

<210> 5188

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 5188

```

gnnctataga atacaagcta cttgttcttt ttgcngganc ccwtckagws kgaattatag      60
tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat tatgatatrg      120
ccatttaata acattgattt cattctgttt aatgaatttg gaaatatgca ctgaaagaaa      180
tgtaaaacat ttagaatagc tcgtgttatg gaaaaaagtgc cactgaattt attagacama      240
cttacgaatg cttaacttct ttacacagca taggtgaaaa tcatatttgg gctattgtat      300
actatgaaca atttgtaaag gtcttaattt gatgtaaata actctgaaac aagagaaaaag      360
gtttttaact tagagtagcc ctaaaatatg gatgtgctta tataatcgct tagttt      416

```

<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5189

```

aatggcctgc ctcacacgtc agccagaacc cagctgcccc agtcaatgaa gattatgcak      60
gagatcatgt acaaactgga agtgctctat gtccctctgc tgctgctgat ggggcgtcag      120
sraaaccagg ttcacagaat gattgcagag ttcaagctga tccctggact taataatttg      180

```

tttgacaaac	tgatttggag	gaagcattca	gcattctgcc	ttgtctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatcacc	ttgaagatac	agtttttgag	gcttcttcag	300
agcttcagt	accaccacga	gaacaagtac	ttgttactca	acaaccagga	gctgaatgaa	360
ctcagtgcc	tctctctcaa	ggccaacatc	cctgaggtgg	gaagctgtcc	ttcaacaccg	420
acaggagttt	gggtgtgtga	tggggaagag	ggggcttatt	taactcgtct	ggttgaggt	480
tcatggaaga	agggagccag	caggagtcgt	cttttcaggt	tttnggcaag	ctcggggntg	540
ttgggagagt	tttctctccg	aggggaccac	ct			572

<210> 5190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5190

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgttaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagattttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacgggccccg	240
ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	aaggtattca	300

<210> 5191

<211> 553

<212> DNA

<213> Homo sapiens

<400> 5191

ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	tttagaggca	60
tctgttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggctt	tatgggcatg	tccctctct	tacaagccca	tcatgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggtc	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttctct	tgcatggaca	ccggcctcct	300
atgccttctt	tccgggcctg	ttttaagagc	attttcagaa	tacacacaga	aacaggcaac	360
atttgacac	atctcttagg	tatgtaatgt	cagtgatgta	atgagctggg	gattcacttt	420
cttccttttt	attttcatgt	atttgagggg	aagcacagaa	cttcagaaat	gtatttggat	480
ttgccatttt	gttttctgaa	tttctaata	tgaattttct	gactgggtta	ctcgtagtgt	540
atcctggttt	gca					553

<210> 5192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5192

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatgtt	gcctgaggga	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaagtgtct	gcacaaaaat	acattgacta	tttgatgact	tgggttcaag	300

<210> 5193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5193

gaaccaagaa	aatattttaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
------------	------------	------------	------------	------------	-------------	----

gttaacactt	tttctacaaa	gaaatggtgt	gcctggatgg	tcgtgtaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtgagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 5194

<211> 575

<212> DNA

<213> Homo sapiens

<400> 5194

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggg	120
tcttgaccaa	gaccctgggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctgggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctgggtgt	aagggtggctg	tggatgccac	300
agcatgaacc	agatgccgtt	gaacagtttg	ctgggtcttsc	ctggcagaag	ttagatgtcc	360
tggcaggggc	catcagccta	gagcatggac	cagggggccgc	ccaggggtgg	atcctggccc	420
ctttggtgga	tctgagtgc	agggctcaagt	tctctttgaa	aacaggagct	tttcaggtgg	480
taactcccca	acctgacatt	ggtactgtgc	aataaagaca	ccccctaccc	tcacccacgg	540
ctgggtgctt	cagccttggg	catcttcata	aatgg			575

<210> 5195

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 5195

aagcagcttg	gggctcactc	ccccccacc	ttgctgacca	ccctcatgtt	ctttaataacc	60
aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggtcttg	120
cgacagacaa	agaagaaccc	ctctaataccc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300
aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	ctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
aggcagatgg	gggacaattg	tttgacgcgg	gttcnggggt	gattaaggag	gaanttt	477

<210> 5196

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5196

cccaggatga	actggttgca	gtggctgctg	ctgctgcggg	ggcgctgaga	ggacacgagc	60
tctatgcctt	tccggctgct	catcccgcctc	ggcctcctgt	gygcgctgct	gcctcagcac	120
catggtgcgc	caggtcccga	cggctccgcg	ccagatcccc	cccactacag	ggagcgagtc	180

aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300
gatgcactgg	acaccttgct	gattttgggg	aatgtctcag	aattccaaag	agtgggtgaa	360
gtgctccagg	gacagcgtgg	gactttgata	ttgatgtgaa	cgctctctgtg	tttgaaacaa	420
acattcgagt	ggtagggagg	actcctgtct	tgttcatctg	cttttccaag	aaggctgggg	480
tgggaagtag	aggctggatg	ggcctgtttc	cggggctttt	ccttgagaat	tggctnagga	540
nggcggccccg	aaaaat					555

<210> 5197

<211> 1175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5197

agattatgag	catgtagaag	atgaaacttt	tcttcctttc	ccacctccag	cctctccaga	60
gagacaagat	ggtgaaggaa	ctgagcctga	tgaagagtca	ggaaatggag	cacctgttcc	120
tgtacctcca	aagagaacag	ttaaaagaaa	tatacccaag	ctggatgctc	agagattaat	180
ttcagagaga	ggacttccag	ccttaaggca	tgtatttgat	aaggcaaaat	tcaaaggtaa	240
aggtcatgag	gctgaagact	tgaagatgct	aatcagacac	atggagcact	gggcacatag	300
gctattccct	aaactgcagt	ttgaggattt	tattgacaga	gttgaatacc	tgggaagtaa	360
aaaggaagtt	cagacctgtt	taaaacgaat	tcgacttgat	ctccctattt	tacatgaaga	420
ttttgttagc	aataatgatg	aagttgcgga	gaataatgaa	catgatgtca	cttctactga	480
attagatccc	tttctgacaa	acttatctga	aagtgagatg	tttgcttctg	agttaagtag	540
aagcctaaca	gaagagcaac	aacaaagaat	tgrgrgaaat	waaccaactg	gccytggaaa	600
gaaggcaggc	maagctgctg	agtaatagtc	agaccctrng	aaatgatatg	ttaatgaata	660
cacccagggc	acacacgggt	gaagagggtta	atactgatga	ggatcaaaag	gaggagtcaa	720
atggattaaa	cgaagacatt	ctggacaatc	catgtaatga	tgctattgcc	aatactttaa	780
atgaagagga	aacactgctg	gaccagtctt	ttaaaaatgt	gcaacagcaa	cttgatgcta	840
catccagaaa	tattactgaa	gctagataag	tttccattaa	gagaaaatgt	atctgttaag	900
tcatcgctcct	gcaagcttgg	cgttactatg	tattttttct	tcttgagatg	aaaatcctta	960
gatagtaaaa	ctgttataga	ttattgttta	aaatctgata	atctgggtatt	tattttataat	1020
tatggggctt	gtcactttag	ttaaatctat	ttgtncctct	tagtgtttgt	ttttatatag	1080
gtatttcttc	ataaaaatgat	taggaggtaa	tangcagttt	ctgctgctgg	tctgtcattg	1140
aatgccttgt	tttactaag	ttgggaggtt	tggtt			1175

<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcacctcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcc	gttatattta	atgagcctct	180
gagcttccta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatcctgtgg	aaaggatgca	gtgtgtagct	gcggttgctg	tatctgctgt	300
tgtttctcag	tgggaacgga	ctggaaaacc	tttcaaccca	ctgctgggag	agacttatga	360
attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	atcaccacc	420
aatcagtgc	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	gctctatcta	480
tcccaaactg	aaattctggg	ggaagagtgt	agaagcagaa	cccaaaggaa	ccatcacctt	540
ggagctcctt	gaacacaatg	aggcatatac	atggacaaat	cccacctgct	gtgtgcataa	600

tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aaatgtgtgt	tgaattttta	gccatgtggc	ctttttggta	aggaattaca	720
caaagttgaa	ggctacattc	aagataaaaag	ca			752

<210> 5199

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5199

aagagaagct	gagactttctg	cttccacacc	ccctgcaagt	gcttttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccttgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200

<211> 530

<212> DNA

<213> Homo sapiens

<400> 5200

ggattttctc	tccttccgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
tctggggggc	acacagctgc	tgaggcggcg	ggttgaggcg	gcccgaagg	accagggtg	120
ctcaggcctg	gttgtggata	gcggcctgtg	tggagaggag	ctgcttgtrg	gcagtgagga	180
ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttct	240
gtggttcgtg	agcatggacc	tgggtgcaggt	cttscaatgs	cwctwcrmcw	gyaayyycw	300
cmctctcttc	ctggagcatc	tgttgctcga	ccatatctcc	ctttccacgg	gctccatct	360
gttgggcctc	tcctatgtcg	ctccccatct	caacaacctc	tacttctctg	ccctgtgcgg	420
gcgctggggc	gtctacgcgg	tgggtgcggg	gctcttctctg	ctcaagctgg	gacttagcct	480
gctcatgttg	ttggccggcc	cggaccactc	agcctgctgt	gcctcttcat		530

<210> 5201

<211> 837

<212> DNA

<213> Homo sapiens

<400> 5201

atacactgca	tttgctgggtg	ctgttttttat	atagtgaagc	aacagctgta	cagcaaaaata	60
ataaaatact	cacttcttctg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcagggtg	ccagcatctg	ggaagggcct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaagg	agagctaaca	tgctcccgca	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttgtga	ccaatcatc	tcccaraagg	ctccgcyycc	300
aaccctgttg	cattggggatt	aagttttcaa	cacatgaatt	gtggagacaa	cacattcaaa	360
acatagcatt	ccacaccttg	ggctccccag	attcatgtcc	tcacatgcaa	aataaattca	420
ttccatccca	atagccccta	aaaagtctta	acttggtcca	gcacaaactt	taaagtcaaa	480
gtccaaagtc	tcactctaaat	cagatatgag	tgagactcaa	ggcatgattc	atcatgagac	540
aaaggatgta	catttgcaat	gtttgtcatg	tcagacaaaa	caaaaatatg	taaatatcca	600
tcaataggga	actgctgaaa	aattttttttg	tataatcata	aatgaaaca	tgcagatgtt	660
taaaccaatg	agctagatct	caacgtgctg	atatggaaag	tgcttcagaa	tgtattaagg	720
acataaatta	agtgtacaat	aatgtgtgtg	tgtgtatata	tgtatatgct	tacgtgtgta	780
tggaaagtat	ctcagcagat	acaataaaaa	cttaattgtg	attaaaaaaa	aaaaaaa	837

<210> 5202

<211> 589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5202

caagaagaaa	catggcggct	atccttctct	cacatcgaaa	aggaaathtt	gaacaatcat	60
ggaaaatcta	aaacgtgctg	tgaaaacaaa	gaagagaaat	gttgcaggaa	agattgttta	120
aaactaatga	aatacctttt	arwwcrgcws	aragaaaggt	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaaccct	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300
tttcttcagt	gcctcaggac	agaaaaactt	gagaattatt	ttattcctga	attcaatcta	360
ttctctagca	acttaattga	caaaagaagt	aaggaatttc	tgacaaagca	aattgaatat	420
gaaagaaaca	atgagtttcc	agtttttgat	gaattttgag	attgtatttt	ttagaaagat	480
ctaagaacta	gagtcaccct	aaatcctggg	agawtacaag	awaaatttgg	aaaagggggc	540
agacgctgtg	gcttcacacc	tgtagtcccc	agcttctttt	gggnngggcc		589

<210> 5203

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5203

gcatttggcc	cattggccgc	attctgctga	cccatcacct	tggtgctttt	tctgcttttt	60
ctcygtygtm	ctctgtgtgt	gttcctttgt	cctgatacct	gtcaccttgt	gggtccaaaa	120
tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtccaaagc	aggagctgag	180
ggaaaatgaa	aaacaacttc	ttcatcaccg	gaagcccagc	aaacttctcc	ttaaaaatca	240
ctggtcaggg	ctgggtgcag	tggtccacac	ttgtaatgcc	agcactttgg	gaggctgaga	300
tgggcagatc	acctgaggtg	aggagttcga	gaccagcctg	gccaacatgg	tgaaacctca	360
tctctacaaa	aatgcaaaaa	ttagccgggc	ctgggtggcg	gtgcctgtaa	tcccagctac	420
tcaggaggct	gaggcaggag	aatttcatga	acctgggagg	cggagggtgc	agtgagccaa	480
gactgtgcca	ctgccttcca	gcctgggtga	cagaatgmga	ctctatcttt	araaacacaa	540
aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggg	cagcaacatt	taatgaaaac	scttatgtta	60
aaaataaaac	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatat	gcacgtacca	ccacaccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagtg	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccaragt	gctgagatta	caggcgtgag	tcactgtgcc	cggcctcaaa	atsttargaa	300
aaggttcttt	tgggtgcatg	gagttttaca	tgggaataaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
------------	------------	------------	------------	------------	------------	----

gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttatTTTTatg	120
ggatggattc	acaggacaga	ggtcaaaggt	ctatcaggag	catgagaaga	ggtgttgag	180
tggtgacttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattgt	300
gtgctgtgtt	aaattcagcc	cctcttccag	ataccatttg	gcttccggct	gtkcagatca	360
ctgtgtccac	tactatgatc	ttcgtaacac	taaacagcca	wcatgggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagttttt	gagtgggt			458

<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(548)

<223> n = A,T,C or G

<400> 5206

atggtgtttt	cacctggaag	ctgagaagaa	aggggcttta	atggaacaaa	tagcacatca	60
agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaatgtgg	atccaagagg	120
gtgttttcgt	ttatTTTTcc	agaaagccaa	agcagaggaa	gaaggttatt	ttgaagcatt	180
caaaaatgaa	cttgaagctt	tcaagtcaag	agtaagactt	tattctcaat	cacaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggt	gttgatcta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaaactcg	ctggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgcata	ttttgttaca	ggaaagggag	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	ttttgttcc	ggtttttgn	540
ggggnggg						548

<210> 5207

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(934)

<223> n = A,T,C or G

<400> 5207

aaaacataat	ttctgtttca	tggagatgaa	tacaaggctg	caagtggaac	atcctgttac	60
tgagatgatc	acaggaactg	acttggtgga	gtggcagctt	agaattgcag	caggagagaa	120
gattcctttg	agccaggaag	aaataactct	gcagggccat	gccttcgaag	ctagaatata	180
tgcagaagat	cctagcaata	acttcatgcc	tgtggcaggc	ccattagtgc	acctctctac	240
tcctcgagca	gacctttcca	ccaggattga	aactggagta	cggcaaggag	acgaagtttc	300
cgtgcattat	gaccccatga	ttgcgaagtg	rntcgtgtgg	gcagcagatc	gccaggcggc	360
attgacaaaa	ctgaggtaca	gccttcgtca	gtacaatatt	gttggaactgc	mcaccaacat	420
tgactttctta	ctcaacctgt	ctggccaccc	agagtttgaa	gctkkggaacg	tgcacactga	480
tttcatccct	caacaccaca	aacagttggt	gctcagtcgg	aaggctgcag	caaagagtct	540
ttatgccagg	cagccctggg	tctcatcctc	aaggagaaaag	ccatgaccga	cactttcact	600
cttcaggcac	atgatcaatt	ctctccattt	tcgtctagca	gtggaagaag	actgaatatt	660
tcgtatacca	gaaacatgac	tcttaaagat	ggtaaaaaaca	gttttcgtct	cctcggataa	720
tcaaccattt	ccatactcat	gtaattctagg	catactctgg	agttattaca	ggtttggttc	780
cagaccacta	caataaaaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	840
catgcagatt	gaagaaaact	ttccaagtcc	ttgggtaatc	tttacagccg	aggagagactg	900

cacttacctg aaatgttccg ttaatgggag ttgc

934

<210> 5208

<211> 934

<212> DNA

<213> Homo sapiens

<400> 5208

gttagctcga	ggggcaaata	aagagcacag	gaatkwwtct	gattacacac	ctctaagtct	60
ggctgcttct	ggtaggctatg	tgaacatcat	caaaatatta	ctaaatgcag	gagctgagat	120
taactctaga	actggttagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	aacactgccc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtgggttag	300
tcttctgctt	gatagaaaag	caaagtgtga	acacagagct	aagactggtc	tcacaccayt	360
aatggaggct	gcctctgggtg	gatatgcgga	ggtagggcag	ttcttttgga	taaagatgct	420
gatgttaatg	ccctccagtt	cctcctcaag	agatacagct	ttaaccatag	cagcagataa	480
gkgcattaca	aattctgtga	gcttcttatt	ggcaggggag	ctcatattga	tgtacgtaac	540
aagaagggga	acactccatt	gtggctagca	gcaaatgggtg	gacacctcga	tgtgggttcag	600
ttactgggtgc	aagcagggtgc	agatgtggat	gcagcagata	accgcaagat	aactcctctt	660
atggcagcat	ttagaaaagg	tcatgtgaag	gtgggtgcgt	acttagtcaa	agaagtcaat	720
cagtttccat	cagattctga	atgtatgaga	tacatagcaa	ccatcactga	taaggagatg	780
ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaaaa	gttaagggaa	900
gaaagtcgga	ggctggcttt	ggctgcgaaa	agag			934

<210> 5209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5209

gcggggcacgg	cggtggctcg	gtctcccggc	tgcgcgcgga	gcgggagggc	tctcctcaca	60
caagcgcttc	cttgccgaga	ggctggagct	gcggcacccg	aggcctgagc	cacccttct	120
ctgctgtctc	cttctcttcc	tcagggctcc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	ttttcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

<400> 5210

ccccctcctt	ctgtctctgg	agacccttga	gcttggggaa	atatggaggg	gtgtgtgtct	60
gcaatcaagg	cctctgcagc	tcacggctgg	ccgggtgggc	tgggacttcc	gtctgaattt	120
taaataactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatgtt	ttcactgctt	180
tagtttctctg	tttgctgggtg	ggaggggata	cggtctgtga	ctctggactt	gctctggggg	240
aacagttgtc	actgcccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagccctt	cgagagggat	ccttggctgc	ttcattgtct	tccccccagc	aagccctgct	360
ctccacaggg	acctctgggg	tcttgggtatg	gtccccgctc	acctccttcc	agagtcctga	420
gtgggtgtggg	tgtgggtggc	acaggatctg	gggcatggga	gggggttcaga	gcttcccaga	480
gccccgtgtc	ctggcagact	cagctgggtg	gctgggggtg	taaccccagt	cctggcgtag	540
gtttacagac	tctcaaggta	cgttggccct	ggctctcctg	gagagagggg	tgagggatgt	600
cccctaccaa	agcacaaggt	gggatcaggc	tgccctcctg	gttgggtgtc	gggggagctg	660
tccggcagcc	tggcagggag	atgcaagggc	taaagtaaaa	ttttgtcaag	t	711

<210> 5211
 <211> 839
 <212> DNA
 <213> Homo sapiens

<400> 5211

tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaaacg	gcctggacgc	ctcgcccttg	gccgcagata	120
ccttcctact	accaggggtg	gtactcccg	ccccatttat	gaactcctct	taagaagacg	180
acggcttcag	gcccggctaa	ctctggcacc	ccggatcgag	gayaagttag	agagcaagtg	240
ggggctcgaga	ctttggggag	acgggtgttg	agagacgcaa	gggagaagaa	atccataaca	300
ccccacccc	aacaccccca	agacagcagt	cttccttcac	ccgctgcagc	yggtccgtcc	360
caaacagagg	gccacacaga	tacccacagt	tctatataag	gaggaaaacg	ggaaagaata	420
taaagttaaa	aaaaagcctc	cggtttccac	tactgtgtag	actcctgctt	cttcaagcac	480
ctgcagattc	tgattttttt	gttggtgttg	ttctcctcca	ttgctgttgt	tgcaggggaag	540
tcttacttaa	aaaaaaaaaa	aaattttgtg	agtgactcgg	tgtaaaacca	tgtagtttta	600
acagaaccag	aggggtgtac	tattgtttta	aaacaggaaa	aaaaataatg	taaggggtctg	660
ttgtaaataga	ccaagaaaaa	gaaaaaaaaa	gcattcccaa	tcttgacacg	gtgaaatcca	720
gggtctcgggt	ccgattaatt	tatggtttct	gcgtgcttta	tttatggctt	ataaatgtgt	780
attctggctg	caagggccag	agttccacaa	atctatatta	aagtgttata	cccgggtttt	839

<210> 5212
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (603)
 <223> n = A,T,C or G

<400> 5212

agaaagtgtc	agcacagttt	gtgttggtga	tttgctactt	ccatagttta	cttgacatgg	60
ttcagactga	ccaatgcatt	tttttcagtg	acagtctgta	gcagttgaag	ctgtgaatgt	120
gctaggggca	agcatttgtc	tttgtatgtg	gtgaattttt	tcagtgtaac	aacattatct	180
gaccaatagt	acacacacag	acacaaaagt	taactggtag	ttgaaacata	cagtatatgt	240
taacgaaata	accaagactc	gaaatgagat	tattttggta	cacctttctt	tttagtgtct	300
tatcagtggg	ctgattcatt	ttctacnttn	aancagnngg	ttttctgacc	angaatatgg	360
ctnggatttt	ttngaaagta	caaaaangcca	catagttttt	ccagaaaggt	ttcaaaactc	420
ccaaagatta	acttccaact	tataagtttg	tttttatttt	caatctatga	cttgactggg	480
tattaaagcc	gctattttga	tagtaattaa	atatgggtgg	cattgatata	aaccngtttg	540
gggtcagcaa	accaacctaa	atggatggcn	aagaccngng	gtttaatttt	cccgggtggg	600
gtg						603

<210> 5213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5213

ccaaggcgca	gcccgattct	gccccctacg	attggttcgg	ggacttctcc	tccttcogtg	60
ccctcctaga	gccggagctg	cggccccagg	accgtatcct	tgtgctakgt	tgcgggaaca	120
gtgccctgag	ctacgagctg	ttcctcggag	gcttcctcaa	tgtgaccagt	gtggactact	180
catcagtcgt	ggtggctgcc	atgcaggctc	gctatgccca	tgtgcccgag	ctgcgctggg	240
agaccattga	tgtgcggaag	ctggacttcc	ccagtgtctc	ttttgatgtg	gtgctcgaga	300

<210> 5214
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 5214
 gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc 60
 ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc 120
 atgaaaaccc tgggagtcca gcgccccaaag ttggagaaga aggatgccaa ggagatcccc 180
 agtgccaccc agagccccat cagtaagaag cggaagaaaa agggattctt gccagagacg 240
 aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca 300
 gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaggct 360
 aaggtccag cccaggcaaa cgggacgcca accaccaaga gtccagcccc tggcgccccc 420
 acccgagacc ccagcacccc tgccaaatcc caaaaactgc agaagaaaaa ccagaagccg 480
 tcccaggtga at 492

<210> 5215
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<400> 5215
 gcaaggcgcc gggggacacg ttggctgcgt ttctggcgga ctggccgggt acaaaaatgg 60
 ctgtggctag cgatttctac ctgcgctact acgtagggca caagggcaag tttgggcacg 120
 agtttctgga gttcgaattt cgcccggaag gaaagcttag atatgccaac aacagcaatt 180
 acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgtg atggaagaac 240
 tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc 300
 ctgatagggg tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac 360
 cacatcaaaa atagggttctc ttattgatgt aaatcagtca aaggatcctg aaggccttcg 420
 agtattttac tatttggtac aagacttgaa atgttttagt ttcagtctta ttggattaca 480
 cttcaagatt aaaccaattt aaattgtatg ttttcaggct gtttgtatat ttaattaagg 540
 gatgggaggg gttattttgtc atttacagta ttggggtttt tatgaatgtg aagcaaacaa 600
 aaaaaatttg tatgtaaaact gaaaataaga aaatacatta gcaagcttaa tggttatcct 660
 tacttgagtc cacatggggt ggacagtcac cacacacatt aaattctgta aatgaaagcc 720
 accttttggg aaaaatttgc tctaataaaa cataccacaa cctgggttgca gagtagtttt 780
 ttgttttttc caggagggcta tgtctctaatt tcaactttaga gataataaga aattgttctg 840
 gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc 900
 atgaaaggca agtgtagatt gtcccttatt tccctcatac atgattggat ttaattttgg 960
 ggggcttata caagggtctag ttttttttta cagttatgac aaaccctca g 1011

<210> 5216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5216
 gcaacgtgtg cggctcgggcg attccggagc ccctgcgtgg aggaactgct gggcgggagg 60
 agacgccggc ggctcgggcg atggctgacc gcacacgttg ccaccctgag gtctttctgg 120
 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
 ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
 ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 5217
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1544)
 <223> n = A,T,C or G

<400> 5217

cgggactggt	accaccgcat	cgacccccacc	gtgctgctgg	gcgcgctgcg	cgttgcggag	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gckgcrscgw	srgcacagta	gacatgactg	ggatccccac	cttggacaac	ctccagaagg	240
gagtccaatt	tgctctcaag	taccagtcgc	tgggccagtg	tgtttacgtg	cattgtaagg	300
ctgggcgctc	caggagtncc	actatgggtg	cagcatacct	gattcagggt	cacaaatgga	360
gtccagagga	ggctgtaaga	gccatcgcca	agatccgggt	atacatccac	atcaggcctg	420
gccagctgga	tgttcttaaa	gagttccaca	agcagattac	tgcacgggca	acaaaggatg	480
ggacttttgt	catttcaaa	acatgatgta	tggggattag	aaagaactca	agacactcct	540
gcttgataca	gaacaaaaag	agcttaacag	gaccaacang	gcttaagccc	agacttgacg	600
taacagaaat	gtgccaatag	gtaataggta	atcttctctt	ctctgacttg	ttttgttttc	660
ttgaaataac	actgttgtgt	ggctagaaa	gaaaagattt	agtgtggctt	gtattcaygg	720
gatacaggac	agggatgggg	ctatcatctt	ttcttgaata	gggctaaaga	agtattttta	780
caaaaatcta	ttatgtacct	aatattgtgc	ctaataatat	ttagcaccac	aactcaaaaa	840
acatttagca	cttgaaaaaa	ggagactcac	ctctggctct	ttgccactgt	cagaatctga	900
atctcactgg	ccctgtggag	tagggatcct	atctggagaa	gtgggagcat	gggctgcagt	960
caggactgct	gcagactgag	ccatgtgatg	gtacgtaatg	agttcccttg	agggaaatgaa	1020
acacccccct	cacccttca	aagtcacccc	tttggaaatc	aacacagaca	cacatatccc	1080
ttcaaaaact	tttatttgta	tcaacagttc	ctagctcttg	acttagctta	gagcttttaa	1140
aagagcagac	accttatata	tttgagattg	aaaaagtttc	tgctattaat	cagaaataat	1200
catttctatt	ttctggctta	ccccttggaa	taagccaaaa	ataaaaccaa	agttacattt	1260
cctgacagat	ggctaagaaa	acaatagaag	gaacatcctg	aattctagag	ttgactcttg	1320
ctgggtgaagt	acaccttcag	gcttaggtcc	attctcctaa	gtaaagcctg	aaggaaaact	1380
cttaacacct	aattctttgt	gggaaaaatg	atcaactagg	ccatttcaca	ggctwtagaa	1440
cmaaagtacm	attgggcctc	tttccytatg	tccckgggatc	aggggwgctt	acatttaaca	1500
ttgatcaggt	aaagaggaga	ggctgtgcta	aggtctgaga	aaag		1544

<210> 5218
 <211> 948
 <212> DNA
 <213> Homo sapiens

<400> 5218

ggctagcgat	ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	60
tctggagttc	gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	120
aaatgatgtg	atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	180
gagaattatt	gatgacagtg	aaattacaaa	agaagatgat	gctttgtggc	ctccccctga	240
tagggttggc	cgacaggagc	ttgaaattgt	aattggagat	gagcacatat	cttttaccac	300
atcaaaaata	ggttctctta	ttgatgtaaa	tcagtcaaag	gatcctgaag	gccttcagag	360
attttactat	ttgggtacaag	acttgaaatg	tttagttttc	agtccttattg	gattacactt	420
caagattaaa	ccaatttaaa	ttgtatgttt	tcaggctggt	tgtatatatta	attaagggat	480
gggagggggt	atttgtcatt	tacagtattg	gggtttttat	gaatgtgaag	caaacaaaaa	540
aaatttgat	gtaaaactgaa	aataagaaaa	tacattagca	agcttaatgg	ttatccttac	600
ttgagtccac	atgggttgga	cagtcccccac	acacattaaa	ttctgtaaat	gaaagccacc	660
ttttgttaaa	aatttgctct	aataaaaacat	accaaactct	ggttgcagag	tagttttttg	720

ttttttccag	gaggctatgt	ctctaattca	cttttagagat	aataagaaat	tgttctggta	780
gatatatcct	gtgacagaag	atacttttagg	tggaaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttattttcc	ttcatacatg	attggattta	atthttggggg	900
gcttatacaa	ggtctagttt	tttttttacag	ttatgacaaa	cccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatag	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	accaggaggt	240
ttgaggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctggggcca	cagagcaaga	300

<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (1043)

<223> n = A,T,C or G

<400> 5220

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	tgatccgtac	120
ctcgctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtgagga	ckagcgtttc	cgcctgctgc	tgaggatgct	300
ggagaagcgg	cagatggacc	gagcggacac	aagggtgagc	ttcagacaga	caagatgatg	360
agggcagctg	ccaaggatgt	gcacaggctc	cgaggccaga	gctgtaagga	acccccagaa	420
gttcagtctt	tcagggagaa	gatggcattt	ttcacccggc	ctcggatgaa	tatcccagct	480
ctctctgcag	atgacgtcta	atcgccagaa	aagtattttcc	tttkttccay	tgaccaggct	540
gtgaacattg	actgtggcta	aagttattta	tgtggtgtta	tatgaaggta	ctgagtcaca	600
agtcctctag	tgtctctgtt	ggtttgaaga	tgaaccgact	ttttagtttg	ggctcctactg	660
ttgttattaa	aaaacagaaca	aaaacaaaaac	acacacacac	acaaaaaacag	aaacaaaaaaa	720
aaccagcatt	aaaataataa	gattgtatag	tttgtatat	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttyytsgtt	gtacagctcc	acctttttaga	ggctcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataagg	acgtcccgc	cttgtcacag	tacagcta	ttttcctagt	960
taacaatttg	tcataattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccaccccggn	tcttcttgag	ctg				1043

<210> 5221

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (796)

<223> n = A,T,C or G

<400> 5221
 atcgattaac acttctaatag agtcaagtcc taggggttttt tgggttttggt ttggttgccaa 60
 cgaggaacac agctctgggg gaatggtgtc atccwcstgc gytttaaaaa taagcacatg 120
 atggctgggc accgtggctc acgcctgtaa tcccagcact ttgggaggct gaggcgggtg 180
 gwtcacctga ggtcgggagt ttgagaccag cctggccaac atggtgaaac cccatcgcta 240
 ctaaaawtat aaaaaattag ctgggcatgg tggcgcacgy ctgtagtcc agctactcag 300
 gaggctgagg caggagaatc gcttgaaccc gggagggtgga ggttgcatg agctgagatc 360
 gcaccattgc actccacact gggcaacaaa gagtgaact tggctcaga aacgaaacaa 420
 aacacaaaaa cttttctcag tcccagcata tgtggagcag cctcattctt catagctgtg 480
 tgtcattccg ttgctgatg gggtcacaga gcacagacct ggtgcccttt tcttttttaa 540
 tatgtggaag cccctccatg ctttccaaag cctacaagta cagcagcccc aagtttaggg 600
 tgagcagcag tggtcagagc tctttactat tacttttggg caaacgcaag ccaggctggc 660
 aaccaccact gccgccgagg ggagatacaa gcaggccagt ttcacactyt gggackttta 720
 gtttctttct tacatctaga aggtgggcct ctkgttattc cantttaag gcagcccaag 780
 ggaantgttc agnaaa 796

<210> 5222
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 5222
 ataaggcagt ctctcaaaag tcatactgcc agagtctcta gggcaaggag aaacaactag 60
 ctggacaata ctcaattcac aacttagcat tttgccatct gaagcttggc aaactagtat 120
 ctgctgtaaa acaacctata tggatatgta accgtagtat tcctgagcaa aacgtggctt 180
 tcatcgcttt gtaaaaattt gcatctgttt agaaactagc ctataaaata tcaccattgg 240
 atgtagatat ggagagaaaa gaaatatgtt gggtttattg cttagcgaaa tattctcttt 300
 ttattttaat aaaatgttct tcattgtg 328

<210> 5223
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 5223
 ggaagagctc gtcttgaggt ccaagctttt gccacttcaa ttgcaccagc tccaggaacc 60
 atacaaccat cttcaatkgc atttttgata gcacgaagtc catctcttat ggcacacctg 120
 acttggtgta gagtcatgct ttatttggtc ctttaaccaa caaggaaca gagcaagggt 180
 taacacactc ctcaataaaa gtgaactttt cttcacctaa tgtatactca tacacaagac 240
 cagcatgtcc caagcaatct acagtgagat cttcaaaaga attcacggcc attccaccac 300
 aa 302

<210> 5224
 <211> 551
 <212> DNA
 <213> Homo sapiens

<400> 5224
 gcagtacgtg tgccgtgagg ctcatagttg atgagggact ttccctgctc caccgtcact 60
 cccccaactc tgccgcctc tgtccccgcc tcagtccccg cctccatccc cgctctgtc 120
 cctggcctt ggcggtatt tttgccacct gccttgggtg cccaggagtc ccctactgct 180
 gtgggctggg gttgggggca cagcagcccc aagcctgaga ggctggagcc catggctagt 240
 ggtcatccc castgcattc tccccctgac acagagaagg ggcttggtta tttatattta 300
 agaaatgaag ataattataa taatgatgga aggaagactg ggttgagggt actgtggtct 360
 ctccyggggc ccgggacccg cctggctctt cagccatgct gatgaccaca cccgctccag 420
 gccagacacc accccccacc ccactgtcgt ggtggcccca gatctctgta attttatgta 480

gagtttgagc tgaagccccg tatattttaat ttattttgtt aaacatgaaa gtgcacacctt 540
tccctccaaa a 551

<210> 5225

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5225

gctctgtgac accctttttg tgatcttcag tgctgttttt atggttacac gactaggaat 60
ctatccattc tggattctga acacgacct ctttgagagt tgggagataa tggggcctta 120
tgcttcatgg tggctectca atggcctgct gctgacctta cagcttctgc atgtcatctg 180
gtcctacctt attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240
aggaaggatk agwcscwgr mtgtssactc tttsmkcasc tcmkwsswwk wwkmtrtgmc 300
cgcgggasct gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
cagcaatggg gccaatcggg tgaatgggtc catgggaggc agtactggg ctgaagagta 480
aggtggttgc tatagggact tcagcacaca tggactttgt agggccactg gcaaacaata 540
ctcctcttgg gccct 555

<210> 5226

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (498)

<223> n = A,T,C or G

<400> 5226

attcaagatg agatttggtt ggggacacag ccaaacccta tcggttgcca acatttacag 60
taacagtgtt aggtgaacag ttgtccagtc tctgtttttg tcggacactg tttctagcac 120
cttccaggca gaatctcatg tacccttcac tttcgaawts ggwacgagka tttcatcccc 180
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagttcctgg ccaaggctcag 240
ctagcaggct ctagaggcct cgttctcctt agaggcaagc cttgccaggg cccaggcttg 300
gcaggctgca gggcagggtg gggcatgcca tggtagaggt gggaccattg aggtcagag 360
agggtaagtg atganccttg gnacacagcg gggtaggtcc agagtccggc ctgcactctc 420
tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttcccacca 480
aggggggaat gttgccta 498

<210> 5227

<211> 537

<212> DNA

<213> Homo sapiens

<400> 5227

ggatgggtgc cctggagcca ggcaaggcag gagggcccag aaacttggtg ggggagataa 60
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grccsagtgg 120
asgakkyyccr staysasmkg gcgtmtgaga ckgaacatt aattctgaag aagaagaaac 180
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
atgcttctgt cgttagccgg gtgcagtgtt gtgtgtatct agttccagct acttgagagg 300
ctgaggcagg aggattgctt gaggccagaa agtggcagtt gcagtgagtg gagatcggtg 360
cactgctcwc cagcctgggt ggcagarcga gacctgtct caaaaaaata acaaaaacaa 420
aatgcttctg tcagttaaca atctttatta gagggttttt agtctttctt tctcagctgt 480
atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5228
 ggggcctgag gtgccagggt tcacagacag ggtttccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaa 120
 cttggaagg tgcagcccac ttcagactc tcccctctcc cacccttcta ccctgtgaag 180
 ggaaatgagg gctttagttt cctgggcagg gaggggcagg ttctgaggtt gccaaaggcc 240
 cccactggat ggaacctgtt agctgctcct ctccgcagcc agaaatgctg cgggctgcac 300
 ccagaggagc agtgaggcag gacagatgga caggttcctc ctgcgctgta attccctgct 360
 ccctggagac tgggaaaagg ccgcagnacg ggggactggg cgggtggtggc tgggtggttta 420
 aaggttgaac tttctctgaa gctcctttcc cctttgctct tggteccctgc ccngcaang 480
 caaacctgcc ccctctgcct cccagtgcac ccaatgacct cccttcccct tggggcggac 540
 ttcctgattg aagcacaact cccccgcaag ganccccaag cccacaaggg ttggccataa 600
 tttggggcag tttccaagtc ctgtnggctt cggctaatch tggggganga agatttttng 660
 ggtcttgat ttccttggg aaattgggtc cttgggcttg gaatntttc cctaaggggg 720
 ccctcttant tcctt 735

<210> 5229
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 5229
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtga tggggtgagt gagttccaaa tggagggaac tgcattgtga gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttggtggc ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcrctctg ggaggygag 240
 gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300
 gtctctactn aaaatac 317

<210> 5230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5230
 ggccactccg cctcttccct cccttcgtcc cttcttccct tccctttttt ccttcttccct 60
 tcccctcctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120
 caggtagaac tttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180
 atttggtcac tttgttgaa agtgaccatg tctcaagttc aagtgaagc tcagaacca 240
 tctgctgctc tctcaggag ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

<210> 5231

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5231
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatgtt gcctgagga gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcact gaagcaagct 180
 gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcacaaaat acattgacta tttgatgact tgggttcaag 300

<210> 5232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5232
 ccggcggctc tggctgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60
 ctccggagtt accggagcgg aactgccccg accgcgaagt cgagtactgg gatcagcgct 120
 accaaggcgc agccgattct gccccctacg attggttcgg ggacttctcc tccttccgtg 180
 ccctcctaga gccggagctg cggccccagg accgtatcct tgtgctakgt tgcgggaaca 240
 gtgccttgag ctacgagctg ttctctcgag gcttccctaa tgtgaccagt gtggactact 300

<210> 5233
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (564)
 <223> n = A,T,C or G

<400> 5233
 gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgcctgccccg gcgctgagag 60
 gacacgagct ctatgccttt ccggtctgct atccccctcg gcctcctgtg ygcgctgctg 120
 cctcagcacc atggtgcgcc aggtcccgac ggctccgcgc cagatcccgcc cactacagg 180
 gagcgagtca aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcctttccc 240
 ttcgatgagc tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300
 actctaattg atgcactgga caccttgctg attttggga atgtctcaga attccaaaga 360
 gtggttgaag tgcctcaggg acagcgtggg actttgatat tgatgtgaac gcctctgtgt 420
 ttgaaacaaa cattcgagtg gtagggagga ctccctgtctt gttcatctgc ttttccaaga 480
 aggcgtgggt gggaagtaga ggctggatgg gcctgtttcc ggggcttttc cttgagaatt 540
 ggctnaggan ggcggcccga aaat 564

<210> 5234
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (596)
 <223> n = A,T,C or G

<400> 5234

actcaaagac	acgtacatgt	tgtccagcac	cgtctcctcc	aaaatcttgc	gggccattgc	60
cttaaaggaa	ggttttcatt	ttgaggaaac	attaactggc	tttaagtgga	tgggaaacag	120
agccaaacag	ctaataagacc	aggggaaaac	tgttttat	gcatttgaag	aagctattgg	180
atacatgtgc	tgcccttttg	ttctggacaa	agatggagtc	agtgccgctg	tcataagtgc	240
agagttggct	agcttcctag	caaccaagaa	tttgtctttg	tctcagcaac	ttaaaggccat	300
ttatgtggag	tatggctacc	atattactaa	agcttcctat	tttatctgcc	atgatcaaga	360
aaccattaag	aaattatttg	aaaacctcag	aaactacgat	ggaaaaaata	attatccaaa	420
agcttgtggc	aaatttgaaa	tttctgccat	tagggacctt	acaactggct	atgatgatag	480
ccaacctgat	aaaaaaagct	gttctttccc	acttagttaa	aaggcaggcc	aaatggattc	540
accttcacct	ttggctaata	ggagggcgctg	ggcaccttgc	ggcaccagtg	gggacn	596

<210> 5235

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (732)

<223> n = A,T,C or G

<400> 5235

gcttcgtgtg	ctactgcgaa	ggggaggaaa	gcggggaggg	ggaccgcggc	ggcttcaacc	60
tctacgtgac	cgacgccgcg	gagctttgga	gcacctgctt	cacgccggac	agcctggcgg	120
ccctcgtggg	taactgggcg	ggtctgggag	ccgccacacc	cctccttgca	gtgcagatcg	180
tctatggggc	gacagacatc	tgggattccc	cagaaggctc	tgacaccctc	tgcccgcctt	240
gtagctgtag	tcctcccat	ggctagggct	cttggggctg	ggcagggttt	gggtgcccc	300
agtggcctcg	ggttccaggc	agctcgtgac	aagccctgt	gctctctaga	aagcccgttt	360
tggcctgagt	gcggctgagg	acatcacccc	ccggttcagg	gcagcctgtg	agcagcaagc	420
tgtggctctg	actctgcagg	aggacagagc	atccctgacg	ctttcagggg	ggccctcgga	480
ctggcctttg	acctctccaa	ggtaccaggc	ccagaggcag	cccccaggct	gtgggcgctg	540
acactggggc	tggcaaaacg	cgtgtggagc	ctggagcgkc	gactkgcagc	tgagaagag	600
acagctgtca	gcccagaggaa	gagcccccg	cctgcagggc	ttcagctctt	cttaccagac	660
ccagatcccc	agagagggtg	ccctggacct	nngagtcagg	atgncgggtt	ccaggagaat	720
tcgttcacn	aa					732

<210> 5236

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (816)

<223> n = A,T,C or G

<400> 5236

ctgaaacagg	gtcgggatgc	cgatgccggc	ttggagttag	agrkkmgwca	ccgctgagag	60
cagctgcagt	agctgagyag	tggcagcaga	gaggcagacg	tgagctgagg	gcgcagaggc	120
aggcagcatc	tctgagggtc	cccaaggagc	atggctggga	gccgtgaggt	ggtggccatg	180
gactgcgaga	tggtagggct	ggggcccacn	gggnagagtg	gcctggctcg	ttgcagcctc	240
gtgaacgtcc	acggtgctgt	gctgtacgac	aagttcatcc	ggcctgaggg	agagatcacc	300
gattacagaa	cccgggtcag	cggggtcacc	cctcagcaca	tggtaggggg	cacaccattt	360
gccgtggcca	ggctagagat	cctgcagctc	ctgaaaggca	agctgggtgg	gggtcatgac	420
ctgaagcacg	acttccaggc	actgaaagag	gacatgagcg	gctacacaat	ctacgacacg	480
tccactgaca	ggctgtttgtg	gcgtgaggcc	aagctggacc	actgcaggcg	tgtctcctgc	540

gggtgctgag	tgagcgccctc	ctgcacaaga	gcatccagaa	cagcctgctt	ggacacagct	600
cggtggaaga	tgcgagggca	acgatggagc	tctatcaa	atcccagaga	atccgagccc	660
gccgagggct	gccccgcctg	gctgtgtcag	actgaagccc	catccagccc	gttccgcagg	720
gactagaggc	tttcggcttt	ttgggacagc	aactaccttg	cttttggaaa	atacattttt	780
aatagtaaag	tggtctctata	ttttctctac	gccaaa			816

<210> 5237

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 5237

agacagagta	ctgattggag	gggatgaaac	tccagagggc	cagagagctg	tgcaggccct	60
gtgtgctgta	tatgagcact	gggttcccag	agaaaagatc	ctcaccacta	atacttggtc	120
ttcagagctt	tccaaactgg	cagcaa	atgc	ttttcttgcc	cagagaataa	180
ctccataagt	gctctgtgtg	aagcaacagg	agctgatgta	gaagaggtag	caacagcgat	240
tggaatggac	cagagaattg	gaaacaagtt	tctaaaagcc	agtgttgggt	ttggtgggag	300
ctgyttccaa	aaggatgttc	tgaatttgg	ttatctctgt	gaggctctga	atttgccaga	360
agtagctcgt	tattggcagc	aggtcataga	catgaatgac	taccagagga	ggaggtttgc	420
ttcccggatc	atagatagtc	tgtttaatac	agtaactgat	aagaagatag	ctattktggg	480
atttgcattc	aaaaaggaca	ctggtgatac	aagagaatct	tctagtatat	atattagcaa	540
atatttgatg	gatgaagggtg	cacatctaca	tatatatgat	ccaaaagtac	ctaggggaac	600
aaatagtgtg	gggatctttc	tcatccaggg	tgtttcagag	ggatgaccaa	gtgtccccgg	660
cttcgtgacc	atttccaagg	atccatattg	aaggcatgtg	atgggtgccc	catgctgttg	720
tttatatttgc	actgagtggg	gacatgtttt	aaggggattt	gggattattg	gaccgcattc	780
cattaaaaaa	atggcttaag	nccagccctt	tatnctt			817

<210> 5238

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 5238

gtgcaccgga	gggtgaagac	agccctcgcg	akgamkgwgg	aggcctggkg	agcaggcctg	60
accctgtgry	rswrcwksag	gctgcggtga	agcggggccga	ccacctggag	gagctgctgg	120
agcarmmcag	gaggccccacg	mcaagtacca	agtgaccagg	gatgccggga	acactgtcga	180
agaacggaag	gcagaggaca	gaggctggac	gttggcccag	agcagagaga	cgncacactg	240
ccccccacag	aggctggtgg	ttnagatgcc	cacggttaag	cacctgtggc	ttgcattttt	300
aaacagttaa	aaggaggccg	ttgttttcag	cgccttt			337

<210> 5239

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 5239
 gacttctgaa gaacatgaag caagcagaag ggtgaaagcg gagctgctgg ttcagatgga 60
 tgggtgttga ggtacttctg aaaatgatga cccttccaaa atgggttatgg ttctggcagc 120
 tactaatttt ccctgggata tagatgaggc ttaagacga cgccttgaga aacgaatcta 180
 tattcctttg ccgtcagcaa aaggcaggga ggagctatta cgaataagtc tacgtgagtt 240
 ggaattggct gatgatgttg accttgcaag tatagcagaa aacatggaag gttattcagg 300
 tgcggacatt accaacgtgt gcagggatgc gtccttgatg gcaatgagaa ggcgcattga 360
 aggtttgact ccagaggaaa tccgaaatct ttccaaagaa gaaatgcaca tgcctacaac 420
 tatgggagga tttcgagatg gctttaaaaa aggtttctaa gtncagtgtt cttgctggca 480
 gacatttgaa aggttacggg gaatgggtat tttgagtttg ggtccttgct aaatttntca 540
 cctgtaaact gttgaggaat gtgccttaag 570

<210> 5240
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5240
 agccaatgtg cttgcaagtg tacagatctg tgtagaggaa tgtgtgtata tttacctctt 60
 cgtttgctca aacatgagtg ggtatttttt tgtttggttt tttgttggtt gttgtttttg 120
 aggcgcgtct caccctgttg ccagggctgg agtgcaatgg cgcgttctct gctcactaca 180
 gcacccgctt ccaggttgga agtgattctc ttgcctcagc ctcccagta gctgggatta 240
 caggtgcccc caccgcgcc cagctaattt ttaatttttt agtrgagaca gggttttacc 300
 atgttgscga ggctggyctt gaactcctga ccctcaagtg atctgccac cttggcctcc 360
 ctaagtgtct ggattatags cgtgagccac catgctcagc cattaaggta tttgtttaag 420
 aactttaagt ttagggtaag aagaatgaaa atgatccaga aaaatgcaag caagtccaca 480
 tggagatttg gaggacactg gttaaagaat ttatttcttt gtatagtata ctatgttcat 540
 ggtgcagata ctacaacatt gtggcatttt agactcgttg agtttcttgg gcactcccaa 600
 gggcggttgg gtcataagga gactataact ctacagattg tgaatatatt tattttcaag 660
 ttgcattctt tgtcttttta agcaatcaga tttcaagaga gctcaagctt tcagaagtca 720
 atgtgaaaat tccttcctag gctgtcccac agtctttgct gcccttagat gaagccactt 780
 gtttcaagat gactactttg gggttgggtt ttcatctaaa cacatttttc cagtcttatt 840
 agataaatta gtccatatgg ttggttaatc aagagccttc tgggtttggt ttggtggcat 900
 taaatgg 907

<210> 5241
 <211> 1184
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 5241
 gcaagatccc tccacctgtc attatgggtgc aaaatgtgag cttcaagtat acaaaagatg 60
 ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 120
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagtactac 180
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcgttac catcagcatt 240
 tacaagagca gctggactta gatstmtcrc ctttgagta catgatgaag tgctaccag 300
 agataaagga gaaggaagaa atgaggaaga tcattgggagc atacggtctn actgggaaac 360

aacagggtgag	cccaatccgg	aacttgtcag	acgggacagaa	gtgccgagtg	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccctgg	cagatgccat	caatgagttt	gagggtggta	tgatgctggg	540
cagccatgac	ttcagactca	ttcagcagg	tgacacaggaa	atttgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggtttacaa	ggagcacctc	aagtccaagc	660
tggtggattg	aggagcccca	gctcaccaag	agkaccacaca	acgtgtgagc	cytytacctg	720
ggttcgggtc	aggagctcca	tcttgggaac	taacagctgc	taacctgacc	agccgctcag	780
gacaggacc	tggggctaca	ctcctgcatt	gctgcaatac	tgctccccc	gcctctcccc	840
tgccccctcaa	cctgccttag	ctgcactctc	ttacctacag	ctggacagta	cctgtctggt	900
tcctgtcctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
ccccttgctg	ttatcttaca	tctgagtgtg	atgcagtcag	aggcacctgc	gggttagccc	1020
agggggggccc	aactgatttg	gcctgcccag	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttgg	aggagtaccc	cccagcccac	cgccccgatt	cctttttgct	tctgggttgg	1140
agctccggac	caggaccttc	gtcctggtna	gttttttaaat	aatt		1184

<210> 5242

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 5242

gtaaaccttc	cccagtccta	tcagagcaaa	ctttctgggg	ttgcatcccc	tcagaaaccc	60
atttggggcc	caatctcaat	gcacatatca	gtgcgcaaag	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaattttgg	cmggccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aaccctcaca	tgatcatgta	agctatgcag	ttacccaagc	240
tgcatcattt	agaaaacctg	tacagttttt	atggaaacca	tccttagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gcccactagc	tgtgttcaca	ttttcccttg	360
gncaccttac	caggggactt	tta				383

<210> 5243

<211> 1278

<212> DNA

<213> Homo sapiens

<400> 5243

cacctgtgct	tgacgccagg	tcaggcccag	ctgcagccca	ggcaggagca	gtcgcctttc	60
ccaccacacag	cgctggccac	agggctocct	gcagggtcag	ggaccagacc	acgccagag	120
gaggggaggc	actggccccc	gccacaggac	tgagagcgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgcccttgg	agcccgcgct	ctcggaggct	gtcttctgtc	240
gccaagggtc	ccggaccgag	tacacagtgg	cagctggctt	agttggtgga	cggcytgss	300
cactcgacgt	tgaggatgag	gtggtcgtag	ccaaagccgg	acaccccggc	aatggcacgc	360
gcagsatcct	cgcgccgggtg	gaagctgatg	aaggcraagc	ccttggattg	gccagtggtc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsggaagag	ctcctgcagg	480
tcggtctcac	gcgtgtcctc	tgacaagtgg	gtgacacgga	tggtggcggt	gtcgtcggtc	540
ctgcggttgg	gctgcatgga	ctcccccgcg	cggctggccc	cgtecgcmag	gctcggcggm	600
acatacttcc	ctgtcttgtt	ctgcgtggcc	tgacgggct	ctagctctcc	cggcagcttc	660
tccttctcgc	cagtaracag	gcccagctgc	tcggccagct	ccttctgcat	gggccccagc	720
gtatccttgt	aggggcagcg	ggtgggtccag	tggtcgccct	tgacagatgcg	gcaggacacg	780
atcttctggc	ccttgagttt	gttcataggg	tcctcctcct	cctggcagtt	caggtcctct	840
ttgctgggtga	tgaacgtcat	agagacatcg	tactgacag	tggtgggtggc	cacattgggt	900
ccggggggggt	caaactctga	gttcccgaac	ttcttccagt	tcttctcct	tgcgacagcc	960

tttgaagcct	tccgggtctc	aatcctgaag	gtgcggaaca	tcttgaactt	cttgccatcc	1020
tcatTTTTCTA	tcttTgaactc	Tgtcactgtc	tttatgtttc	cgTtgatgac	ctccttgggg	1080
ggcggcagtg	gagctcccg	cagtagctct	ggctctgggc	tggtgtcacc	tgtggccaga	1140
gggatccct	tgaggagctc	gctggTgaca	catttgTcgt	ccTccccctc	ctcctccacc	1200
tggtcgggccc	aactgggctt	cgaatyaaag	tctccagtag	gcacgcgcaa	aagtattctc	1260
cacgcagccc	aagcccgg					1278

<210> 5244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5244

ttgagacgga	gtttcaccat	gttggccagg	atggtcttca	acttctaact	tcgtgatcca	60
cgctgctggg	attacaggtg	tgagccaccg	cgTtgggcct	ctgggcacct	tttgaagctg	120
aagcagagag	agaaggcggc	aggcatcagc	gttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttactatt	tcttctaccg	ctatctacta	cgaacttcaa	agaggaacca	240
ggagtacgga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 5245

<211> 496

<212> DNA

<213> Homo sapiens

<400> 5245

attctctctc	cataccaccc	cccaaaaatt	ttcgccgctc	caacacttca	acactatTTTt	60
gkTTTTatttg	tcttattaat	atmagaaggc	aggaatgtca	ggcctctgag	cccaggccag	120
gccatcgcat	cccctgtgac	ttgcacgtat	acatccagat	ggcctgaagt	aactgaagat	180
ccacaaaaga	agtaaaaaca	gccttaactg	atgacattcc	amcattgtga	tttgttctctg	240
ccccacccta	actgatmaat	gtactttgtg	atctccccca	cccttaagaa	ggtYctttgt	300
aattctcccc	acccttgaga	gtgtactttg	tgagatccac	acctgcccac	cagagaacaa	360
accccytttg	actgtaattt	tccattacct	tccctaattc	tataaaacgg	ccccacccca	420
tctccctttg	ctgactctct	tttcggactc	agcccgcctg	cacccaggtg	aaataaacag	480
ccttgTtgct	cacaca					496

<210> 5246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5246

gggagggcac	acctggggga	cagcagcggc	gggagtgtgg	tccgactggc	ctggaagatc	60
ttgggcagag	ctgacctcag	agaacagtgc	gggtctctcg	ccctcctggg	gcagtcccca	120
ggacgaggtg	ccaggtgcct	ggcccatggt	gcaggggggc	gtggagccca	tgcagatcga	180
cgtggacccc	caggaagacc	cgcagaatgc	acctgacgtc	aactacgtgg	tggagaaccc	240
cagcctggat	ctggaacagt	acgcggccag	ctacagcggc	ctggccactg	ggtgccaccc	300

<210> 5247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5247

ggatgtgtga	gcggcagtgg	ccgcggggcg	agcagtctga	gcccgcagat	gaggccgggg	60
acgggagctg	agcgtggagg	cctcatgggtg	agtgaatgg	agagccatcc	tccctcgag	120
ggctcctggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgtccgg	ctcttgggtc	180

tctgctgacg	gcttcctgag	gagacggccc	tcggttaagg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248

<211> 507

<212> DNA

<213> Homo sapiens

<400> 5248

agggggcggg	cccgtacgcc	gattccatat	gggcgcgggc	gcggagcgcc	gcggggcagc	60
gcggggtcgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtcctatg	120
tgaagagtct	ggaaagagmg	rwcmtsckkm	wsywrcrgag	gtctcatgtt	ccggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgcaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttggtcacca	gtgagctgga	gaagttccag	300
gaccgcctgg	cccggtgcac	catgcattgc	aacgacaaag	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcaggt	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
gaccacatgc	acctcatccc	aactatgacc	aagaagatga	aggaggctct	cttatcaatt	480
ggaaaataaa	agtatcttcc	agtggcc				507

<210> 5249

<211> 1718

<212> DNA

<213> Homo sapiens

<400> 5249

cacaggcttt	ggttcagaat	ataggtcagc	caacccaggg	gtctcctcag	cctgtaggtc	60
agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggcaacag	acacagccat	120
tgctccacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggca	gctcagccaa	180
cccgtgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
atggagtagg	acagtctcag	gctggttctg	gatctactcc	ttcagaaccc	caccagtggt	300
tggagaagct	tcgggtccatt	aataactata	accccaaaga	ttttgactgg	aatctgaaac	360
atggccgggt	tttcatcatt	aagagctact	ctgaggacga	tattcacctg	tccattaagt	420
ataatatattg	gtgcagcaca	gagcatggta	acaagagact	ggatgctgct	tatcgttcca	480
tgaacgggaa	aggccccgtt	tacttacttt	tcagtgtcaa	cggcagtgga	cacttctgtg	540
gcgtggcaga	aatgaaatct	gctgtggact	acaacacatg	tgcagggtgtg	tggtcccagg	600
acaaatggaa	gggtcgtttt	gatgtcaggt	ggatttttgt	gaaggacgtt	cccaatagcc	660
aactgcgaca	cattcgccta	gagaacaacg	agaataaacc	agtgaaccaac	tctagggaca	720
ctcaggaagt	gcctctggaa	aaggctaagc	aggtgttgaa	aattatagcc	agctacaagc	780
acaccacttc	catttttgat	gacttctcac	actatgagaa	acgccaagag	gaagaagaaa	840
gtgttaaaaa	ggaacgtcaa	ggtcgtggga	aataaaaaggc	agttctacac	agactgcagc	900
aacggttgca	tctgcataatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
ttcttaattt	cactgacttc	agagacgatt	gcagacttgc	agtttaagta	ttggaatttc	1020
acaaaaaaag	acataggact	taactggaaa	atgaaaaaaa	aaagaaaaag	raaaaaactaa	1080
acaaaaaatc	cctctaggta	gttttaggtga	aaaatgtccc	ttttatatttg	gcttttggttg	1140
tgatttcaga	gcataatgct	atgttttttt	gtcttttttac	tatgtttttc	ggattttttaa	1200
gtccgtaagt	gcatacagtt	ttctctaatt	tttaaaccct	ttcctcctcc	catttttgaca	1260
tttgcaattg	gagaacactt	gagttgtgaa	ggtttttgggc	atccacccca	gaaagtggga	1320
atattgatttt	atccttccga	actggaagaa	catttttatg	aagaattttt	gtctaggaga	1380
atataacagt	gttaccacaag	gttgtgtctt	taagggtggt	tcattttctc	tgaccttttg	1440
ttactcaaag	taaagtacta	ggagtcctaa	gaaatgttct	gttcttgtac	attatactga	1500
ttaagtcagg	attaatttga	tttcaaagct	gagaacagtg	gtaaaaactc	gtttacagaa	1560
atgcattttg	gaagagaaaa	atactgtaaa	acgtgtcgtg	aatgtttctt	cagtttcttg	1620
ttcagccaat	gaggaaaggg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
gtgagatcct	gttgagcatc	aaaaaaaaaa	agtcgacc			1718

<210> 5250

<211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 5250
 cccgacggtg tgtgggcaca cgggacctgt cctggacatc gactggtgtc ctcacaacga 60
 cgaagymrta gccagcggtc cgtgaggact gcacgggtcat ggtgtggcag atcccagaga 120
 acgggctgac ctccccgctg acagagccgg tgggtgtact ggaggggcac accaagcgag 180
 tgggcatcat cgcttggcac cccacggccc gaaacgtgct gctcagtgcg ggctgcgaca 240
 acgtggtact catctggaat gtgggcacag cggaggagct gtaccgcctg gacagcctgc 300
 accctgacct catctacaat gtcagctgga accacaatgg cagcctgttt tgctcagcat 360
 gcaaggacaa gagcgtgcgc atcatcgacc cccgtcgggg caccctggtg gcagancggg 420
 agaagg 426

<210> 5251
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 5251
 caccagtggc tttagggcct gtcgcttacg cgatgcgggt agtattgttc ccgttgcgca 60
 gttgaggaca cctaggttca cgggtctgagt aacacctcat tacaccgaag cctgggcctg 120
 tattcccaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac 180
 cagcctggac aacatagtga gacccccatc tctaaataaa aatagaccaa cgctaaagcc 240
 tgtgtctccag agcctccagg mawttggatc agaagtcgca gctctggtgg gaggaaggcg 300
 agtccctcatg tgtgtccctg tgccactttg ccttgnccct ttgctgtcca tcctttttca 360
 gggcgtggac tccttggtgc tagaaagcgt gatgttcgcc atacttgccg acgggtccgc 420
 tggggcccca gcttgtacgg agtctttccc agaaggcccg gcttgggaaca gtacatccca 480
 agtcnggcca tttgaaaact tcaaagaagc ttcgagaagc cagtgttgctc agcagcca 538

<210> 5252
 <211> 1603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1603)
 <223> n = A,T,C or G

<400> 5252
 gctcttctct gtgcccttta tccgcacttc ccagctcaca gcaactgacaa ccggtatcat 60
 ctccaggctc tccggcacct ctatgtgctg gccgaggagc ccaggcttct agtgmyskg 120
 saygayggac acaaacacgc cctgctatgc cctcttagaa gttacctaca agggcactca 180
 gtggtatgaa caaaccawag aagaattgat ggctcctacc cttcttccag aactccatct 240
 tttaaagcac gattaaagta aaaggcccaa gatactggga actgctcata gatttaagca 300

aaggaacaca	acacttgaag	tccatccttt	ccaaggatgg	ggttttatat	gttaaactcc	360
gggcgggtca	gctctcctac	aaagaagatc	caatgggatg	gcaaagtttg	ttggctcaga	420
ctgttgctaa	caggaactct	gaagcccggg	ctttcaagca	gaaacaatct	cagcattcac	480
ttctgatcca	gcacttctgt	catttgctga	atatttctgc	aagccaactg	tgaacatggg	540
tcagaaacag	gaaattctgg	atctcttttc	ttcagtactc	tatgaatgtg	ttaccaggga	600
gacccagag	atgttgctg	catacatagc	aatggatcag	gctataagaa	gacttgggag	660
aagagaaatg	tctgagactt	ctgaactttg	gcagataaag	ttggtgttag	agtttttcag	720
ctcccgaagc	catcaggagc	ggctgcagaa	ccaccctaag	cgggggctct	ttatgaactc	780
ggaattcctc	cctgttgtga	agtgcaccat	tgataatacc	ctggaccagt	ggctacaagt	840
cgggggtgat	atgtgtgtgc	acgcctacct	cagcgggcag	cccttggagg	aatcacagct	900
gagcatgctg	gcctgcttcc	tcgtctacca	ctctgtgcca	gctccacagc	acctgccacc	960
tataggacta	gaagggagca	caagctttgc	tgaactgctc	ttcaaattta	agcagctaaa	1020
aatggggcca	gtgcgagctt	tgctgagatt	ggctcctttg	cttcttggaa	atccacagcc	1080
aatggtgatg	tgaccgtgtc	tggcggtgaa	cctaccctga	aacgtgactt	ctgcacaaca	1140
aacgtgacca	aacatcaaag	ctaaagcaat	gtttataaag	ttttatggta	taactagggg	1200
gaaatgagct	gcacaaacct	caatgtattt	taaatctgtt	gctgtcatca	ttaacggtat	1260
atgacatata	aaagcaagtt	aaaatttact	tttgtaaata	aagtttttgg	tttgtttcca	1320
aaactcttga	tgattgcttt	agttttggac	ttagagaata	gagcaggggt	tgctggagtg	1380
aatattgatt	tttaaagtct	ttgaactgtg	gtgggtatag	gtgaagtgac	tatgccccaa	1440
aatgccaaagt	tttaaaagaa	gctatgtcat	aaagttttac	tttctgtggg	caaaagagcg	1500
ctttagccat	ttcctcagat	gtcacagttg	tccccgtcta	aaataagttt	gtacttctgg	1560
gtgaccatgn	ccagacactc	ttatggaggt	gatccccctt	aac		1603